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FOR NATIONAL DEFENSE

Internal Combustion Engines
BY C. E. NELSON, JR.
Chairman, Munitions Board Industry
Advisory Committee for
Internal Combustion Engines*

THE National Military Establishment in World War II became one of the greatest mechanized task forces in the world. This Mechanism took form in many major developments.



Mr. Nelson

The internal combustion engine played a most important part in becoming the prime mover for many of the tactical and non-tactical vehicles as well as other types of equipment. Due to the urgency of the situation it was necessary that a great variety of makes and specifications of internal combustion engines be used. Be-

cause of this urgency it was necessary that engines be specified where perhaps they were not the best engines for the requirement, but they were the only engines that could be made available in the time allotted. The use of a large number of models and specifications of engines naturally caused a great problem in field and base maintenance. The Services realized this, and industry, with its years of experience in servicing its engines, knew the tremendous problem that was facing the National Military Establishment. When the Munitions Board prepared to form a committee, it found the industry group very willing to assist in trying to solve a complicated problem.

Exclusive of aircraft propulsion engines, engines had been designated by the Munitions Board as marine, automotive and industrial, the latter being anything that could not fall within the category of automotive or marine. A committee was formed to consider this last phase of the engine problem. After a number of meetings, and the preparation of an interim report, the committee felt that for it to do a fundamentally sound and thorough job it should be expanded to include the automotive and marine field. This suggestion was accepted by the Munitions Board, and in April, 1949, the Munitions Board Industry Advisory Committee for Internal Combustion Engines was formed.

The fundamental mission of this committee, as stated in the directive, is "to advise a designated agent for the Munitions Board in the development of plans for reducing the number of models of automotive, industrial and marine engines used by the Army, Navy and Air Force for the purpose of attaining the maximum interchangeability of parts. The ultimate objective is to simplify spare parts supply and maintenance in the in-

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Admiral Forrest P. Sherman, Chief of Naval Operations, and John F. Floberg, Assistant Secretary of the Navy for Air, receive the oath of office from Navy Judge Advocate General, Rear Adm. George L. Russell, in a ceremony at the Pentagon. Defense Secretary Louis Johnson (center), and Navy Secretary F. P. Matthews, look on.



**Review of Navy War
Pass-overs Taken Up**

A House Armed Services subcommittee on Thursday took up Senate-passed but Navy Department opposed legislation which would authorize the Secretary of the Navy to review records of commissioned officers who failed of advancement during the war.

The bill would authorize the Secretary to advance to a higher grade any officer who suffered as the result of "error, administrative delay, oversight, or injustice."

The Senate measure grew out of a private bill to promote Comdr. Edward R. Rawlins, USN. In reporting out the measure last June the Senate Committee said that it had found evidence that Commander Rawlins was "an officer of excellent qualities with a long and favorable record" but, feeling that similar injustices may have been done to other officers, the committee amended the bill to provide a review of all such cases. In its report the Senate Committee said there was "complete unanimity even among the official representatives of the Navy Department that Commander Rawlins was and is qualified to perform the duties of captain."

In addition to the general review measure as passed by the Senate, the House group had under simultaneous survey H. R. 2533, a private bill, which would authorize the promotion of Commander Rawlins to the rank of captain. He is the sole member of the 1924 class at the U. S. Naval Academy now on active duty who does not hold four-stripe rank.

Commander Rawlins contends that as the result of operations of the wartime panel promotion system and the introduction into his service record of a "mediocre" fitness later report, later testified to be repudiated, in effect, he suffered an "injustice" in not being promoted to captain. He told the committee that he has lost 1543 promotion numbers and \$4700 in pay.

Testifying for Commander Rawlins were Vice Adm. Robert B. Carney, USN, DCNO (Logistics), and Rear Adm. Earl E. Stone, USN, presently assigned to the Joint Chiefs of Staff. Both officers declared that Commander Rawlins, who has seen much communications service, is qualified to hold captain's rank and should have been promoted during the war to that grade. Admiral Carney, who at the outset of the war had surveillance

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**Budget Presses for
Retirement Revision**

The Bureau of the Budget has taken initial steps for the inauguration of a comprehensive study of all Federal retirement systems, including that for military personnel.

Budget officials said late this week that the survey, which probably will take some months to complete, is just beginning and that specific procedural plans have not yet been formulated completely.

Presumably, the Personnel Policy Board of the Department of Defense, which is known to have undertaken a study of military retirement legislation previously, will be the key Armed Forces agency working with the Budget Bureau.

It is recalled that at the time the Career Compensation Act was before Congress, there were repeated references to the possible adoption of a contributory retirement system for military personnel.

There are reports that Budget Director Frank Pace desires such a contributory system be adopted for the Services.

Also said to be under review by the Personnel Policy Board—although official confirmation is lacking—is the problem of survivor benefits. The possibility of providing retired pay benefits for the survivors of military personnel is related closely to the overall retirement picture and is certain to be reviewed simultaneously within the framework of the Bureau of the Budget analysis.

In response to an inquiry from THE JOURNAL concerning the present status of retirement studies by the Personnel Policy Board, the answer was given that "the board has a continuing program for the review of all personnel policy matters."

Director Pace forecast such a study last spring, when in a letter written to Secretary of Defense Johnson 11 May to approve the Armed Services Pay bill introduced more than four months earlier, he said:

"I agree that there are not now sufficient and adequate data on which to base a thorough study of experience under existing military retirement systems and that such a study is necessary for the development of a fair and consistent contributory retirement system. In this connection I am recommending to the President the appointment of a Presidential commission to conduct an across-the-board study of all Federal retirement systems. I am sure you will agree to the validity of an across-the-board approach."

**"Keep Strong" Urges
Defense Sec. Johnson**

The United States occupies a more formidable position today than at any time since the height of our military power in 1945 and the threat of armed aggression seems less acute than a year ago; but because an "attack could come from the opposite hemisphere without warning and with unpredictable fury," the Armed Forces must be kept strong and "we must be prepared for any emergency."

This is the forceful summation obtained from the annual report of Secretary of Defense Louis Johnson, released this week. For the first time, the annual reports for fiscal year 1949 of the Secretaries of Defense, Army, Navy and Air Force have been incorporated in a single volume.

"We have reached a point," said Secretary Johnson, "where our Armed Forces, unified into an efficient team of land, naval and air forces—and backed by America's vast productive capacity and preeminence in agriculture, labor, industry and science—have become the most potent influence for world peace."

Secretary Johnson said that the nation's defenses "have never been in a more favorable condition in time of peace. The state of readiness of our Armed Forces and the military potential of our country are greater today than in any previous peacetime period in our Nation's history."

But lest these words be misconstrued and tend to develop a feeling of complacency concerning the need for strong defenses, Secretary Johnson's report also contains a forthright warning:

"In this age of the atomic bomb, guided missiles, aircraft of supersonic speed and submarines of virtually unlimited range, time and space are no longer formidable barriers between us and the rest of the world," he asserted. "An attack could come from the opposite hemisphere without warning and with unpredictable fury. We must, therefore, be always on the alert and resort to every means at our command to keep ourselves as well protected as possible, and we must do this economically and judiciously, without expending an excessive portion of our national income or otherwise impairing our national economy."

During the "precarious peace which exists today," the United States must rely on the best preparation we can devise, said Secretary Johnson, "so that our Armed Forces, if we should ever be attacked, would not be called upon suddenly to go into battle without proper training, but would have the advantage of effective weapons and equipment and would be able to retaliate with rapidity and force."

He stressed that "failure to keep our Armed Forces at a strength commensurate with our requirements . . . would jeopardize our very existence as a free and independent nation."

One evidence of the determination to maintain as strong a defense as possible is Secretary Johnson's disclosure that the

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*Mr. Nelson is vice president of the Waukesha Motor Company of Waukesha, Wis.

Hydrogen Bomb Discussed

New York Herald Tribune—“It would be tragic if the momentous decisions which the prospect of the hydrogen bomb entails were to be snarled in a debate over partisan issues or over the respective authority of various branches of government. . . . If the bomb can be made, it must be made—with the earnest prayer that no human beings may ever be exposed to its terrible blast.”

Joseph and Stewart Alsop—“The era of the hydrogen bomb will be a new time making the heaviest demands upon this Nation. Unity, and particularly the unity of the high-minded men who are now criticizing the bomb project, will then be all-important.”

New Tunnel Aids Jet Studies

A new 3,500-mile-per-hour wind tunnel was dedicated at Princeton University 27 Jan., as a feature of the first annual Forum on Supersonic Flight and Advanced Aeronautical Research sponsored by Princeton's Department of Aeronautical Engineering and the Aviation Writers' Association of North America.

Dedication speeches were made by Dr. Harold Willis Dodds, president of the University, and Rear Adm. Thorvold A. Solberg, USN, chief of naval research. Dr. Albert E. Lombard, Jr., chief civilian scientist of the Air Force, which joined the Navy in sponsoring the new wind tunnel, was also a speaker.

To aid in the development of supersonic planes, test pilots are being trained as aeronautical scientists at the University. The Air Force has ten pilots, the Navy two, and the Army one, who are now studying for graduate degrees at Princeton. Prof. Courtland D. Perkins, formerly of the Wright Field Aerodynamics Laboratory, is in charge of the course for test pilots.

Admiral Solberg outlined the Navy work in research. He stressed also the importance of close liaison between the Armed Services, industry, and research to the end that the principles developed may actually be put into production.

In his address Admiral Solberg said: “The results of this thinking had much to do with the establishment of the Office of Naval Research by Public Law 588 which was passed on 1 August 1946. This law gives my Office the authority and responsibility for planning, coordinating, conducting and supporting research.”

In order to carry out this work, we have four activities. One of these is the Naval Research Laboratory at Anacostia of which I am sure most of you are familiar. The second is the Special Devices Center at Sands Point, Long Island, which concentrates its work on the development of training devices, training aids and simulators of all types. The third is a similar laboratory at Orlando, Florida which develops the standards for all underwater sound apparatus and also is responsible for the calibration of such apparatus.

“Our fourth activity is that of administering and conducting a contract basis research program. About 75% of this work is done by contract with academic institutions and the other 25% with industry and other governmental laboratories. It is about this activity that I think it would be well to give you some general information.

“Much thought goes into the placement of our research funds. Academic institutions by and large have ample competent personnel and generally adequate facilities to carry out much of our work. At the present time there are about 1200 such projects in about 250 institutions. We feel that we are getting many significant returns from this part of our program in addition to the actual scientific knowledge which it is producing. Since about 2500 graduate students do part time work on these projects, it is helping them in their training for their doctorate degree. This system also serves to perpetuate the close contacts, the mutual understandings and collaboration between scientists and military personnel which were developed during the war. Also as you can readily see, it enables us to keep in touch with the most able scientists who could be called upon in emergency for specific duties.

“The industrial laboratories also have an important role in our research schemes. It often is desirable to place certain areas of research with them because of their pre-eminence in a particular field, and also because unique facilities or personnel are available. Thus you see, industry is cooperating also in important parts of our contract program.

“There are many unique features involved in planning details of our program so as to insure that it is a sound program. First of all we receive proposals for research from

Washington Post—“In saying that he, and no one else, will decide whether or not the United States shall undertake to make hydrogen bombs, President Truman has stirred up needless controversy. . . . To be sure, the President has broad powers as Commander in Chief of the Nation's armed forces. But the power ‘to raise and support armies,’ which includes the making and procurement of weapons, is unmistakably given to Congress.”

Marquis Childs—“Let's not be so blinded by the magic of atomic power that we neglect or ignore the essentials of security. It may be the time for a complete overhaul of American concepts of war and peace rather than for a further descent into the awe-inspiring atom wonderland.”

New York Times—“It would not be pleasant to live in a world in which our own country was compelled to slaughter millions of people in other countries by the use of the H-bomb. It would, however, be just a little pleasanter than having our own people slaughtered by H-bombs thrown in from outside. Until there is an international atomic agreement it would be suicidal to cease our development of the atomic weapon.”

Washington Star—“There cannot be much doubt . . . that the logic of the situation dictates the utmost haste in pressing forward with the development of the hydrogen bomb and any other new weapons if this will insure us against losing the armaments race—assuming that it has not already been lost.”

any investigator who desires to submit his ideas. This system provides us with a wealth of ideas from the best scientific minds of the whole country. The next step in our procedures after receiving the proposals is an important one. We have set up several panels composed of men preeminent within their fields. Usually they meet in Washington twice yearly in order to go over the proposals available in their fields. They pay particular attention to the scientific soundness of the proposal, the competence of the investigator and whether the work may contribute essential knowledge in that field. Approximately one out of every four proposals fails to pass this panel screening.

The final selection of projects to fit into our program is a most important step. How does it fit into the program in its particular field? What will be its importance in relation to the other projects in the program and to others being considered for activation? And last but not least, as far as it may be practicable to determine in basic research evaluation, has it the possibility of contributing to some phase of the development programs?

This last criterion is often an important one. One of the essential functions and the primary justification of our Office is to obtain and supply the Service development agencies—and particularly the Navy Material Bureaus—with scientific information which will assist them in their specific development programs.

Also by policy and common sense, we are committed to spending the tax payers' money so that it will contribute most effectively to our national defense. Naturally, our thinking on this criterion is not passed down to the investigator. Consequently he carries out his work with perfect freedom and no restrictions just as he has laid it down in his proposal. There is another factor which helps us in selecting proposals. I am sure you realize that we have certain well defined specific military requirements on which we must concentrate attention.

I am thinking of acoustics, underwater sound, electronics and wave propagation, aerodynamics, hydrodynamics, oceanography, new fuels and new propellants, new structural materials and high temperature metallurgy—to mention but a few. Again we must have research in important medical sciences (Bio Sciences), human resources and human engineering. We do not concern ourselves with the clinical aspects of the unwell man but concentrate on those things which will keep our well man well in his particular environment and help to get the most out of him.

Again we must give much consideration to the inter-relation of the different sciences in our program. In most cases no one field of science can solve any one of our many problems. For example, in high temperature metallurgy there must be projects in chemistry, physics, particularly physics of the solid state, and also in many cases mathematics comes into the picture.

Again we must be careful to have our overall scientific program on both a short and long range basis. Especially as it taught us that we must work not only to fulfill our present day needs, but also be prepared to fulfill future needs. Consequently, we must have a good balance.

The panels which I mentioned have been of the greatest value to us in building our program. I should like to mention that we also have a Naval Research Advisory Committee to assist us on a general overall basis. They meet with us three or four times a year and discuss our program, our problems, our proposals and any other matters which have a bearing on our work. This committee was set up by Public Law and is composed of twelve to fifteen preeminent scientists.

After we have planned our program we still have many hurdles to get over. First of all a Navy Department Board reviews it and finally the Research and Development Board considers it in relation to the program of the other services. Finally, as you know, we must justify it before the Bureau of the Budget and the Appropriation Committee of the Congress. It would seem that with all this care and attention the programs should end up on a sound basis. In addition to the planning and execution of our program we also have the problem of dissemination. Scientific knowledge locked in a vault or

arranged neatly on an unused shelf will contribute nothing to technological progress. Therefore, we encourage the publication of unclassified research in scientific journals. Also we sponsor seminars and symposia on selected subjects of wide national interest. Then again we have small meetings on urgent and more limited and well defined subjects. In all such cases we bring in not only the three services' interested agencies but also accredited personnel from academic institutions and industrial firms where this is desirable. Our prime concern is to make available complete information to all those who can be helpful in quickly putting it into significant development.

We feel also that obtaining and disseminating scientific information is not the end of our work. Simply presenting one of the Material Bureaus or a Service agency with a completed scientific report is not enough. We endeavor as far as practicable to give each agency our evaluation of the development implications. All of you are aware, I am sure, of the terrible time gap between scientific attainments, technological development and production. As you see from what I have said we give much thought toward defeating that handicap. The past war gives us many instances where we had failed to take advantage of scientific information available to us before the war. The proximity fuse is a classic example. How many lives would have been saved, how much would the war have been shortened, how much less would our war debt be today, if we had had that fuse and many other weapons developed during the war available on M-Day. Many of you will recall the length of time it took to develop these weapons after we entered the war. And in most cases the information with which to do it has been available.

I would like to call your attention to one other important point in our work. We have devoted considerable thought and effort toward promoting cooperative enterprise in research development. We are much interested in building up greater cooperation between the military services, industry and academic institutions. We feel that it is a paramount obligation for all of us to see the magnificent and essential power of cooperation which we had during the war years is not only retained but improved.”

Military Assistance Groups

Secretary of Defense Louis Johnson on Thursday designated seven senior Army, Navy and Air Force officers to head Military Assistance Advisory Groups attached to American embassies in western European countries in connection with the Mutual Defense Assistance Program.

Under the North Atlantic Pact and the bilateral arms agreements resulting therefrom, American military personnel will be provided each country to act in an advisory capacity in connection with problems of logistics, materiel and training. The duties of each group will include scheduling, requisitioning and expediting the flow of military equipment; assisting in reception, assembly, maintenance and training, and, in some cases, assisting in production program.

Personnel detailed to these groups will leave for their new assignments this month. The heads of the groups appointed by Secretary Johnson are:

Brig. Gen. Charles T. Lanhan, U. S. Army (Belgium-Luxembourg).

Brig. Gen. Ralph A. Snavely, U. S. Air Force (Denmark).

Maj. Gen. George J. Richards, U. S. Army (France).

Brig. Gen. H. Norman Schwarzkopf, U. S. Army (Italy).

Rear Adm. Emmet P. Forrestel, U. S. Navy (Netherlands).

Rear Adm. Ralph E. Jennings, U. S. Navy (Norway).

Maj. Gen. Leon W. Johnson, U. S. Air Force (United Kingdom).

Navy Secretary's Report

A brief annual report of the Secretary of the Navy for fiscal year 1949, printed together with similar statements by the Secretaries of Defense, Army and Air Force, declares that “probably the most significant contribution by the Navy to the support of national interests was the continued maintenance of effective naval forces in critical areas abroad.”

Secretary of the Navy Francis P. Matthews said that Naval forces “afford a unique advantage in such undertakings in their ability to attain objectives without the necessity of establishing military installations on foreign soil among crowded and often jealously independent populations.”

Reporting on progress in submarine and anti-submarine warfare, Secretary Matthews said advancement has been “considerable.” He attributed this progress to these factors: improved equipment is beginning to reach the fleet in appreciable quantity; new tactics developed by the forces afloat are proving effective; the personnel shortage in anti-submarine ratings has been partially alleviated; and continued emphasis on fleet training is beginning to show results in improved individual and team performance in all antisubmarine forces.

The Navy section of the combined report this year was much shorter than that of the other Services. The Army section was 71 pages long, compared with 30 pages for the Navy, while the Secretary of the Air Force and the Air Force Chief of Staff utilized 60 pages.

With regard to cancellation of the Navy's super-carrier, Secretary Matthews said: “Various considerations led to the cancellation this year of construction of the large flush-deck carrier, United States, plans for which were announced in last year's report. It is worth mentioning, however, that during the extensive studies conducted in the development of the design for this vessel many important problems were solved. These solutions are now available for future guidance. The construction of an aircraft carrier to launch and recover jet bombers capable of carrying a bomb load of maximum destructive power,” he continued, “is entirely feasible. The manner of effective catapulting, recovering and replenishing these aircraft has been determined and will prove extremely valuable in carrier developments. The problems of eliminating stack gas interference and achieving an entirely unimpeded recovery platform have been solved.”

In his report, Secretary of Defense Louis Johnson said of the Navy and Marine Corps: “The Navy must be prepared for sustained combat operations at sea to control vital ocean areas, clear the sea lanes of enemy submarines and other hostile vessels, transport our troops overseas and insure the uninterrupted flow of supplies and materials to them, to ourselves at home and to our allies abroad.”

“Naval aviation,” continued Secretary Johnson, “is an essential weapon in modern sea warfare. I am convinced of our continuing need for carrier aircraft, and I have directed the Navy to proceed with the necessary arrangements looking to the modernization of two additional carriers of the Essex class. I have also reaffirmed my belief in the continuing need for the Marine Corps and its air arm as part of our naval forces.”

Keep up with your friends by reading the Army and Navy Journal each week.

Housing Shortage Cited

The need for more quarters to house families of Army personnel "still remains a predominant and critical problem," Secretary Gordon Gray declared in his annual report, while Secretary of the Air Force W. Stuart Symington reasserted "the desperate need of additional housing."

Secretary Gray reported that 1599 permanent quarters were constructed and 2174 "poor quality austerity conversions of existing buildings" were accomplished during fiscal year 1949. He said that a portion of the fiscal year 1950 appropriation of \$11,737,000 will provide 548 family quarters and the fiscal year 1950 authorization can provide 2837 permanent units. He added that 6000 conversions are included in the regular fiscal year 1950 appropriations, with trailer parks and trailers slated to provide "some additional substandard housing."

With regard to the Air Force housing situation, Secretary Symington, in his annual report, said that 25,000 housing units which may be built during 1950 under provisions of the Wherry Act and another 2470 housing units provided for in public works legislation will reduce the quarters deficiency by approximately 25 per cent. He added that "much will remain to be done before the military housing problem is solved to the extent that it will no longer handicap recruitment and retention of officer and enlisted personnel, as well as individual efficiency and productivity."

General Hoyt S. Vandenberg, USAF Chief of Staff, said that for the 691,110 Air Force officers and airmen within the United States entitled to public quarters, a total of 17,943 units are available, of which only 6397 may be said to be adequate. Additionally, 51,924 Air Force personnel, not entitled to public quarters, require family housing—thus making an overall requirement of 121,034 units and demonstrating a total deficiency of 114,637 units.

Meantime, THE JOURNAL, continuing a policy of reporting new housing developments at various bases, was apprised of the following progress:

Army

Camp Lee, Va.—Eight master sergeants recently moved into apartments in the new housing area. Five more buildings with eight units each are scheduled for early construction.

Ft. Devens, Mass.—The Department of the Army has been asked to grant permission for negotiation of contracts to provide 200 additional family type housing units for junior officers and non-commissioned officers.

Ft. Ord, Calif.—Bids have been received for the construction of 500 housing units, with selection and approval of a contractor expected shortly.

Ft. Meade, Md.—Officers and their families have occupied 32 of the 48 new brick quarters, with construction work reported moving swiftly toward completion of an additional 348 brick family units.

Air Force

Lackland AFB, Tex.—A conference of housing officials from Kelly, Lackland and Brooks Air Force Bases reported that 48 apartments were to be ready for occupancy at Mitchell Village this month for officers, with 44 apartment units for airmen slated for completion by 1 March.

Barksdale AFB, La.—The Strategic Air Command has announced that 692 housing units will be erected here, with 480 units for airmen and 212 units for officers.

Motor Official Appointed

Appointment of George H. Brodie to vice president in charge of coordinating operations was announced this week by Packard Motor Car Company's board of directors. Mr. Brodie has held the title of assistant to the president since April 1945. During the four previous years, he was manager of Packard's marine engine division which produced the powerplants for the PT-boats of the U. S. Navy and allied naval forces.

In his new vice presidential post, he is charged with coordination of all Packard engineering, manufacturing, sales, special-project, and governmental programs. Mr. Brodie came to Packard in 1907 as a clerk in the engineering department, after graduating from Detroit's Eastern High School and advanced through departmental ranks. In March, 1918, he headed liaison between the fledgling aviation branch of the U. S. Army and Packard, a major producer, on Liberty engine contracts.

Study Denfeld Case

The Senate Committee on Armed Services questioned Secretary of the Navy Matthews in executive session for more than five hours on 30 Jan., and then announced that the removal of Admiral Louis E. Denfeld as Chief of Naval Operations was a closed issue as far as they were concerned.

The House Committee, however, will have more to say on the Denfeld case when the report of its policy subcommittee on the Navy hearings of last Fall is submitted to the full committee next week. That report, it is understood, will discuss the relief of Admiral Denfeld and may also suggest revisions in the status and operation of the Joint Chiefs of Staff to offset the Navy's objections that its seagoing views are outvoted by the Army and Air Force representative.

Following the Senate Committee meeting Senator Millard Tydings (D-Md.), chairman, told reporters that the committee was satisfied that Admiral Denfeld had been removed because of "an honest difference of opinion" between him and Secretary Matthews on Navy Department policies and not as a "reprisal" for the Admiral's testimony before the House Committee last Fall.

Secretary Tydings said that the Secretary and his CNO had reached a point where "they couldn't go on working in harmony." Secretary Matthews told the Committee, Senator Tydings said, that Admiral Denfeld had come into his office after being relieved as CNO and said, "he couldn't see how I could have taken any other course."

Selection Board Members

Rear Adm. Robert P. Briscoe was named this week as senior member of a Navy selection board to recommend line lieutenant commanders for promotion to the grades of commander.

Other members of the board, which convened on 1 Feb., are Rear Admirals Albert M. Bledsoe and Edgar A. Cruise; and Captains Clarence E. Voegeli, Frank C. Sutton, and Rudolph L. Johnson.

When the board is considering unrestricted line officers for limited duty only officers, Captains Robert B. Ellis, Charles W. Moses, and Lyle L. Koepke will sit on the board.

When considering engineering duty officers, Captains William H. Von Dreele, Allan L. Dunning, and Christian L. Engleman will be on the board. Similarly, when considering aeronautical engineering officers, Captains Selden B. Spangler, Ross F. Mahachek, and Leonida D. Coates, Jr., will be on the board.

Captains Jefferson R. Dennis, Thomas H. Dyer and Philip A. Walker will be on the board when it considers special duty officers.

The board may recommend a total of 309 officers for promotion to commander. The number includes 236 unrestricted line officers, 9 engineering duty officers, 14 aeronautical engineering duty officers, 48 special duty officers and 2 limited duty officers.

Calendar of Legislation

Introduced

H.R. 7107, Rep. Flood (D-Pa.): providing for the payment of traveling and hotel expenses of the parents and/or wife to attend funeral of servicemen whose remains must be buried in a mass grave because of impossibility of identification.

H.R. 7105, Rep. Poulsom (R-Calif.): pertaining to promotion on retired list and increased pay of certain World War I Army officers recommended for advancement before 12 Nov. 1918, who did not receive such promotion.

H.R. 7098, Rep. Hardy (D-Va.): providing for lump-sum payments in certain cases to survivors of cadets of the U. S. Military Academy and midshipmen of the U. S. Naval Academy and cadets of the U. S. Coast Guard Academy.

H.R. 7104, Rep. Poulsom (R-Calif.): fixing longevity retired pay of officers wounded in action and providing that those wounded and retired within three years from the date of the wound, for disability in line of duty, be changed to retired for wounds in action.

S. 2963, Senator Tydings (D-Md.): reimbursing certain naval attaches, observers and other officers for certain expenses incurred while on authorized missions in foreign countries.

H.R. 7108, Rep. Murphy (D-N.Y.): authorizing the erection of a memorial to the four Army chaplains lost in the sinking of the transport Dorchester on 3 Feb. 1943 off Greenland.

Credit for Internship

(In light of considerable interest shown in the bill H.R. 488, Representative Lane, sponsor of the measure, has prepared the following article for the ARMY AND NAVY JOURNAL.)

BY HON. THOMAS J. LANE

Representative from 7th Dist., Massachusetts

THE purpose of H. R. 488 is to give Service credit to those Army and Air Force medical officers who interned as civilians in Army General Hospitals during the years 1934 to 1942.

Prior to 1934 and after 1942 Army interns were Reserve Officers on active duty and received credit for their internship in all respects. More than 100 medical officers in the Army and Air Force are included in this group who served in Army hospitals as civilian interns and who are not entitled to credit for this internship for promotion, longevity and retirement purposes under existing legislation. The service they rendered and the training they received are identical in all respects to the training and service of the Army interns on active duty as Reserve Officers. This group now includes some of the outstanding members of the Medical Corps of both the Army and the Air Force.

This measure had previously been approved by the War Department for legislative action in an earlier Congress. However, at the present time the Department of the Army has not considered this bill favorably in spite of the recommendations of The Surgeon General. The reasons given by the Department of the Army for the unfavorable action do not appear to have been carefully studied and do not appear in all cases to be entirely pertinent. The Department opposed this bill on the grounds that it is generally opposed to crediting civilian service for the purposes of promotion and retirement. However, previously the War Department stated there was precedent for such action and that this was not unfavorably considered.

It was further stated by the Army that medical officers already received preferential treatment over line officers, and that they were entitled to no further benefits. This does not take into consideration the special group of officers with whom the bill is concerned. The Army further states that there is no conclusive reason why officers who served as civilian interns in Army hospitals should receive credit above those medical officers whose internships were served in civilian hospitals. This statement overlooks the fact that the Army internship program in time of peace is the best source of career medical officers.

It is further pointed out that some readjustment of the Medical Corps promotion list would be necessary in crediting these officers with additional service. This matter was not considered important when the integration was made and the promotion list at that time was altered to a degree almost beyond recognition. The Army also pointed out that since this group of officers entered military service knowing that they were not to receive credit for this internship it is not now necessary to give them credit. This ignores the basic change of policy when interns were again credited for service. It does not seem consistent to credit Army internships before 1934 and after 1942, meanwhile ignoring the interim group.

It is finally cited that this is not a procurement measure and the Army is opposed to it on the grounds that it will not bring additional physicians to the Medical Corps. This viewpoint seems to ignore the rights, benefits and privileges of those already in the Service who are affected by changes in policy on a retroactive basis.

Nominate Rear Adms.

The President on 2 Feb. sent to the Senate the nominations of eight officers for temporary appointment to the grade of rear admiral. They are Ralph E. McShane, Thomas B. Brittain, Richard P. Glass, Clark L. Green, Leon J. Huffman, Harold A. Houser, John M. Higgins and Edward A. Solomons.

All of these officers were included on the list of 23 Navy permanent captains whose selection for promotion was recently approved by the President.

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Heads Personnel Board

Mr. J. Thomas Schneider, a former field artillery officer of the Regular Army, who served for several years as aide to General of the Armies John J. Pershing, was appointed this week Chairman of the Personnel Policy Board of the Department of Defense.

The Personnel Policy Board establishes broad policies for military and civilian personnel of the Department. Currently it has under study a number of proposals of far reaching importance for members of the Services.

Mr. Schneider entered the Army in 1917 after graduating from the University of the South at Sewanee, Tenn. During World War I he served with a field artillery regiment in France and later was secretary of the General Staff of the AEF. Subsequently he was aide to General Pershing for five years.

In 1929 he resigned his commission as captain and practiced law for several years at Newark, N. J. He re-entered Government service in 1934 as special assistant to the Secretary of the Interior, later becoming counsel of the Reconstruction Finance Corporation. In 1942 he joined Standard Brands, Inc., as general counsel. Since March 1949 he has been a procurement consultant of the Munitions Board.

Secretary of Defense Louis Johnson administered the oath of office to the new Chairman of the Personnel Policy Board in a brief ceremony on Wednesday.

Sec. Johnson Reports

(Continued from First Page)

Research and Development Board is coordinating some 13,000 specific research and development projects of the Armed Forces, involving the expenditure of approximately \$500,000,000 a year.

In the light of President Truman's announcement this week concerning production of the hydrogen bomb, the following statement from Secretary Johnson's report is noteworthy: "If there is any one military policy on which the Congress and the public seem to be unanimous, over and beyond the determination to be strong in this period of international uncertainty, it is determination to have superior military equipment and to base war strategy on its use."

Secretary Johnson, recapitulating research progress, observed: "Aircraft that can travel faster than sound, guided missiles with increasing ranges and greater accuracy, and submarines that can 'breathe' under water for indefinite periods of time are a few of the weapons on which material progress has been made since the close of World War II."

He said "it is essential to the security of the United States that its defenses be planned in terms of significant new technological advances. Already many of the remarkable weapons of World War II are obsolete or obsolescent, and planning must be done not only in terms of what exists today but in terms of those developments, the early realization of which may profoundly influence the nature of future conflicts."

In a section of his report which discussed recent inter-Service controversies, which Secretary Johnson maintained are "exaggerated," he declared that "preponderant members in all Services appreciate the need for unification and, in actuality, unification of the Armed Forces is an accomplished fact today in many areas of activity."

Secretary Johnson held, however, that "honest differences of viewpoint exist among competent officers as to the part each Service should have in the defense of the nation. They have a right to be heard and to have their views carefully weighed. But when the decision is made we have a right to expect that it will be carried out ungrudgingly."

"It is a praiseworthy trait and a splendid tradition," the Defense Secretary continued, "that every military man should be loyal to his service and have faith in his weapons, but all of them should bear in mind that they are working together with their companion Services for a common objective—the security of the United States. . . . The common cause of national security transcends the interests of any Service . . ."

Test New Trail Ration

Fifty picked men from the Army's Alaskan Command will be assigned to an isolated site in Alaska, beginning 12 Feb., for a rigidly controlled test of a new arctic trail ration designed by the Quartermaster Corps.

The test, lasting 23 days, will be supervised by the office of the Army Surgeon General, the Office of the Quartermaster General, and the first arctic aerial medical laboratory at Ladd Field.

The new ration is designed for use of Army or Air Force search parties and other groups, which must proceed on foot, carrying all of their equipment and supplies, and expect to be isolated from resupply for considerable periods. While intended for arctic regions, the ration also is planned for use of military groups separated from their bases and operating in a mountainous terrain, or in other extremely cold areas, where the daily expenditure of calories requires specialized feeding.

Although light in weight, the trail ration provides 5,324 calories per day as compared with the standard ration of 3,600 calories supplied troops in temperate climates. Its components contain all the nutritive elements believed needed to support health and vigor under the demands of high activity and sub-zero weather. The test is to show whether the ration measures up to all needs.

During the field test periods, all of the men will engage in simulated patrol or reconnaissance missions, carrying full equipment, fuel, and rations, so that their daily energy expenditure will be as nearly maximum as possible. Close check will be kept upon each individual to determine whether the rations are adequate, whether the men eat all or only part of them, how well physical condition and morale are maintained, and how the new ration compares with the heavier, standard combat rations.

The trail ration, packed, weighs 3 1/4 pounds—about one-half the weight of the standard "C" ration and supplement, giving an equivalent caloric content. It consists of two units of one type dehydrated meat bar and one unit of another type of dehydrated meat bar; two types of pre-mixed, compressed cereal; a packet of seedless raisins; roasted almonds; sandwich cookies; rectangular biscuits; chocolate sticks; chocolate caps; soup mix with chicken meat; bean soup mix; cocoa beverage powder; three plastic spoons (one for each meal); a pack of toilet paper; and a pack of 20 cigarettes. An accessory packet contains bouillon powder; soluble tea; soluble coffee; sugar tablets; dried, modified, and sweetened milk; two packs of candy-coated chewing gum; two books of humidity-resistant safety matches. Directions accompanying the ration components explain various ways of preparing them. Some of the components may be eaten dry, or mixed with cold water, or heated with water.

UNITED STATES ARMY

Army Nominations

President Truman sent the following nominations to the Senate 30 Jan.:

To be colonel, RA: Kenneth D. Nichols.

Col. Elvin R. Heilberg for appointment as professor of mechanics, U. S. Military Academy.

To be lieutenant colonel, RA: Melecio M. Santos.

To be Majors, RA

L. R. Berry, MC H. E. Opsahl, MC
S. Cortesi, WAC Nick Perlmuter, MC
W. G. Dunnington, MC S. M. Vaughan, MC
MC W. A. Zuelzer, MC

To be Captains, RA

W. J. Bolbat, DC S. Karansky, MC
P. F. Brookshire, Jr., MC J. M. Lukeman, MC
MC R. W. Parvin, MC
W. D. Bumsted, DC M. A. Pfenninger, MC
J. D. Dimiceli, MC H. P. Rosack, MC
J. R. Ervin, MC R. J. Rowan, DC
D. G. Fahy, MC W. A. Schoen, Jr., MC
M. Flocks, MC L. K. Schreiber, DC
G. J. Furla, MC E. H. Stiesmeyer, DC
L. C. Hamilton, MC B. D. Storrs, MC
W. S. P. Henderson, MC

To be First Lieutenants, RA

C. L. Anderson, MC D. L. Howie, MC
J. J. Asta, MC D. W. Hubbard, VC
Lorenz L. Beuschel, VC R. D. Hume, Jr., MC
MC R. T. Jensen, MC
H. D. Bourdon, MC E. Jones, DC
G. J. Charlebois, Jr., VC H. A. Keith, DC
VC H. B. Lawson, ChC
R. C. Clark, Jr., DC W. T. Lee, DC
R. J. Deegan, AGC R. C. McCord, VC
A. H. Doren, MC O. H. McKenney, Jr., ChC
W. C. Duncel, Jr., MC W. G. McLeod, ChC
MC F. P. Martin, MC
R. H. DuPree, MC R. B. Mattes, DC
C. V. L. Ella, VC M. S. Oster, VC
J. D. Fetzer, MC E. R. Prather, VC
MC R. W. Flinchbaugh, DC J. S. Quigley, VC
DC J. T. Flynn, VC R. J. Reed, JAGC
F. F. Foxx, DC A. M. Richards, MC
R. B. Greiner, VC H. C. Robertson, DC
D. E. Guy, VC D. E. Schwartz, DC
C. B. Harmon, DC D. J. Summerson, MC
R. C. Harrison, MC A. G. White, DC
F. H. Hartwig, MC D. C. White, MC
J. T. Hayes, ChC J. O. Wilson, VC

To be Second Lieutenants, RA

B. J. Baumgartner, WAC M. E. Moeller, ANC
WAC R. W. Morgan, MSC
B. E. Bochman, ANC E. K. Mullins, ANC
H. J. Buzzetti, WAC C. E. Newton, Jr., MSC
J. L. Chambers, ANC M. S. Paret, ANC
J. M. Check, ANC F. L. Pettey, ANC
J. M. Clawson, ANC W. S. Rooney, MSC
J. M. Confort, ANC H. M. Slater, ANC
F. H. Diercks, MSC V. M. Sulpizio, ANC
G. J. Favors, ANC P. A. Thrush, ANC
M. E. Hallam, ANC P. J. Verhonica, ANC
A. D. Mandel, MSC R. L. Williams, WMSC
P. M. Mead, ANC
M. M. Minton, ANC

Army Mutual Aid

The Army Mutual Aid Association received 54 applications for membership during the past week. No insurance benefits were paid during the week.

New Judge Advocate General

Major Generals Ernest M. Brannon and Franklin P. Shaw were sworn in as Judge Advocate General and Assistant Judge Advocate General of the Army, respectively, before General J. Lawton Collins, Army Chief of Staff on 27 Jan.

Both General Brannon and General Shaw have had long previous service in the Judge Advocate General's office. Immediately prior to their recent nominations, General Brannon was Assistant Judge Advocate General (Procurement) and General Shaw was detailed as a member of the Judicial Council.

General Brannon, a West Point graduate in the class of 1918, served with the First Army in England from Oct. 1943 to June 1944, during all combat operations on the Continent of Europe until V-E Day, and at Fort Jackson, S. C. and Fort Bragg, N. C. until Oct. 1945. He returned to Washington in Oct. 1945 as Procurement Judge Advocate, Headquarters, Army Services Forces, an office which later was made part of the Judge Advocate General's department.

General Shaw, a graduate of Georgetown University, served as Judge Advocate, Wright Field, and Air Technical Command from 1939 to 1945, and in 1946 became Judge Advocate, General Headquarters, Army Forces, Pacific and Far East Command, which post he held until Feb. 1949, when he returned to Washington.

Infantry Enlisted Promotions

Announcing first results of examinations in the combat career fields, the Army has reported that from among 3583 applicants it is estimated that 1303 will receive promotions in the Infantry Career Field—265 to master sergeant, 476 to sergeant first class and 562 to sergeant.

The promotions will be distributed as follows:

GRADE E-7 265 Promotions

Mos.	Title	Total
1745	Light Weapons Infantry Leader	225
1761	Intell & Recon Chief	24
1812	Heavy Weapons Infantry Leader	11
1814	Infantry Ops Chief	5

Retired General Joins Firm

Maj. Gen. J. C. Mehaffey, USA-Ret., Governor of the Panama Canal Zone from 1944 to 1948, has joined Koppers Company, Inc., and has been assigned as Director of Operations for Koppers-supervised projects to be carried out in Turkey during the next four years.

Joseph Becker, Vice President and General Manager of Koppers Engineering and Construction Division, said that General Mehaffey, who for the last 18 months has been Division Engineer, Ohio River Division, Corps of Engineers, with headquarters in Cincinnati, already has left for Turkey. He will direct a staff of six Koppers engineers and a chief accountant, which will have headquarters at Zonguldak, a Black Sea port.

A graduate of the U. S. Military Academy in 1911 with a degree of Bachelor of Science, the new Director of Operations for the Turkish construction project rose to the rank of Major General before his recent retirement from Army service.

Assigned To Airborne Div.

Lt. Col. Donald C. Clayman was recently assigned to the 82d Airborne Division at Ft. Bragg, N. C. A veteran of World War II, Colonel Clayman participated in the fighting in North Africa, Sicily, Normandy, Belgium, Ardennes, Central Europe and the Rhineland. His military decorations include the Distinguished Service Cross, Silver Star with oak leaf cluster, Bronze Star Medal with oak leaf cluster, Purple Heart with oak leaf cluster, Belgium Fourraguerre and the Distinguished Unit Badge.

Joins Texas Law Firm

Col. Frederick R. Undritz, recently retired from the Army after more than 30 years service, has returned to San Antonio, Tex., and is engaged in law practice associated with Guy Bonham, Attorney, 504 Brady Bldg. Colonel and Mrs. Undritz are living at 1347 Fulton Ave. San Antonio.

Total Promotions

Total Applicants

225	709
24	25
11	151
5	61

265

946

GRADE E-6 476 Promotions

446	1020
10	267
10	52
10	43

476

1382

GRADE E-5 562 Promotions

396	918
124	260
22	62
15	15

562

1255

Total

1303

Total

3583

These Infantry Career Field promotion

scores are the first to be announced for the Combat Career Fields. The Armored Cavalry promotion scores, based upon the Armored Cavalry examinations taken in the second week of December, will be announced very shortly. The Artillery pro-

motion scores based upon the Artillery examinations, taken in the second and third weeks of January, will be announced as fast as composite scores can be received from all of the 87 Army wide examining and computing agencies administering career examinations.

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A A F Blue all wool Gabardine Topcoat zipper detachable	10.00
F liner	\$69.00

A COAT, #51 Dk. Elastique, 19 oz. 2 Ply	\$53.00
TROUSERS, #54 Pink Elastique, 19 oz. 2 Ply	22.50
R CAP, Fur Felt—Incl. device	13.50
M SHIRT, tan poplin, sanforized, \$3.75 (ea.)	3 for 11.00

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Transportation Corps Board

Twenty-three experts in transportation and allied fields have accepted associate membership to the Transportation Corps Board, the research and development agency for the Army Transportation Corps.

The associate members will communicate directly with the president of the Transportation Corps Board, New York City, in the exchange of ideas concerning programs and projects under study by the Board, and will serve as a direct source of information on commercial transportation practices.

The Transportation Corps Board determines the effectiveness of equipment and methods for the Transportation Corps, and conducts all necessary engineering and service tests ordered by the Office of the Chief of Transportation.

The newly-designated associate members are:

J. H. Aydelott, Vice President, Association of American Railroads, Operations and Maintenance Department, Transportation Building, Washington, D. C.

Prof. Louis A. Baier, College of Engineering, Naval Architecture and Marine Engineering, University of Michigan, 326 West Engineering Building, Ann Arbor.

Robert Cass, Assistant to the President, The White Motor Company, Cleveland, Ohio.

Professor L. B. Chapman, Department of Naval Architecture and Marine Engineering, Massachusetts Institute of Technology, Cambridge, Mass.

Kenneth S. M. Davidson, Director, Experimental Towing Tank, Stevens Institute of Technology, 711 Hudson Street, Hoboken, N. J.

John E. Dixon, President, Lima-Hamilton Corporation, 60 East 42nd Street, New York City.

Albert B. Drake, President, Drake, Startzman, Sheahan, Barclay, Inc., 70 East 45th Street, New York City.

Walter L. Green, Vice President, American Bureau of Shipping, 45 Broad Street, New York City.

Charles J. Hardy, Jr., President, American Car and Foundry Company, 30 Church St., New York City.

V. R. Hawthorne, Executive Vice-chairman, Association of American Railroads, Operations and Maintenance Department, Mechanical Division, 59 East Van Buren Street, Chicago, Ill.

Leland James, President, Consolidated Freightways, Inc., Portland, Ore.

Franklin M. Kreml, Director, The Traffic Institute, Northwestern University, 1704 Judson Avenue, Evanston, Ill.

Ralph H. Kress, Specifications Engineer, National Fleet Department, Chevrolet-Central Office, Division of General Motors, General Motors Building, Detroit, Mich.

Gavin W. Laurie, Manager, Automotive Division, Transportation Department, The Atlantic Refining Company, 260 South Broad Street, Philadelphia, Pa.

Burton W. Marsh, Director, Traffic Engineering and Safety Department, American Automobile Association, Pennsylvania Ave. at 17th St., Washington, D. C.

Joseph H. Moran II, Vice President, Moran Towing and Transportation Company, Inc., 17 Battery Place, New York City.

L. B. Neumiller, Caterpillar Tractor Company, Peoria, Illinois.

W. L. Newhall, Assistant General Manager, Dravo Corporation, Engineering Works Division, Neville Island, Pittsburgh, Pa.

C. R. Osborn, Electro-Motive Division, General Motors Corporation, LaGrange, Ill.

Olin J. Stephens II, Sparkman & Stephens, 11 East 44th Street, New York City.

J. M. Symes, Vice President—Operation, General Office, Pennsylvania Railroad Company, Broad Street Station Building, 1617 Pennsylvania Boulevard, Philadelphia, Pa.

C. H. Warner, Assistant to the President, Clark Equipment Company, 927 15th St., N.W., Washington, D. C.

Harry A. Winne, Vice President, General Electric Company, Schenectady, New York.

New 'Chute Badge

Two new parachutist badges were authorized by the Army this week, one for master parachutists and the other for senior parachutists. The badge for senior parachutists is the same as that now authorized for a parachutist, except that it has a star above the parachute. The badge for the master parachutist is the same as that for the senior parachutist, except that the star is within a wreath.

To be eligible for a master parachutist's badge an individual must participate in at least 65 jumps, to include 15 jumps with normal combat equipment, and four night jumps, one of which must be as jumpmaster of a stick. He must be a graduate of a jumpmaster school or equivalent, which includes jumpmaster on combat jumps, or jumpmaster on 50 per cent of total jumps. He must have character and efficiency ratings of excellent or higher.

bat jumps, or jumpmaster on 50 per cent of total jumps. He must have character and efficiency ratings, excellent or higher.

To be eligible for a senior parachutist's badge a soldier must participate in a minimum of 30 jumps, at least five with normal combat equipment, and at least two at night, one of which must be as jumpmaster of a stick. He must be a graduate of a jumpmaster school or equivalent, which includes jumpmaster on combat jumps, or jumpmaster on 50 per cent of total jumps. He must have character and efficiency ratings of excellent or higher.

The parachutist badge is awarded to each soldier who has satisfactorily completed the prescribed proficiency tests, or who has participated in at least one combat jump in enemy territory.

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Med. Officers Attend Meeting

The following officers assigned to the Office of the Army Surgeon General will attend the 46th annual Congress on Medical Education and Licensure at the Palmer House, Chicago, Illinois, 5, 6, and 7 Feb.: Col. Floyd L. Wergeland, MC, Chief, Education and Training Division; Lt. Col. P. A. Costin, Royal Canadian Medical Corps, and Lt. Col. John M. Matheson, Royal Army Medical Corps.

Colonel Wergeland will represent Major General George E. Armstrong, Deputy Surgeon General, on the Executive Council of the Association of American Medical Colleges in Chicago 8 Feb.



New Member for Senate Committee

The Senate has approved the appointment of Senator Harry P. Cain (R-Wash.), to be a member of the Senate Committee on Armed Services.

Senator Cain took leave of absence as Mayor of Tacoma to volunteer for the Army in 1943 and saw field service in Africa, Sicily, and Italy; staff service with the SHAEF England, and combat service as Chief of Staff, 18th Corps, Airborne, in France, Holland, Belgium, Austria, and Germany.

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Missouri Floated

The battleship Missouri was freed this week from the Chesapeake Bay mudbank where she had been stuck fast for 15 days.

Lone active survivor of her kind, the big battlewagon was floated at 7:30 a.m. on 1 Feb., following a prodigious heave-ho by 21 tugs and two heavy-duty salvage vessels. It was the sixth rescue-attempt tried by the Navy since the vessel went aground on 17 Jan.

Rear Adm. Allen E. Smith, in charge of the salvage operations, immediately dispatched a message to Admiral W. H. P. Blandy, who retired later in the day as Commander in Chief of the Pacific Fleet. It read: "Missouri Reports for Duty."

The Navy was unable to give an immediate cost estimate of the salvage operations, but said a \$19,500 dredging charge has already been received from a civilian firm employed to help float the ship.

Chairman Carl Vinson of the House Armed Services Committee, suggested immediately after the battleship had been refloated, that she be "mothballed" and a carrier added to the fleet in her stead. Yearly operation cost of the Missouri is six and one-half million dollars.

Admiral Blandy, before turning over his command to Admiral William M. Fechteler, sent a message to Admiral Smith in which he asked that his "hearty congratulations" be conveyed to all those connected with the salvage of the Missouri, "and a well-done for the outstanding manner in which all phases of the operation" were conducted.

"The skillful planning, coordination of effort and smart seamanship displayed," Admiral Blandy said, "reflect a high degree of leadership and an excellent performance by all officers and men who participated."

Once the battleship had been loosened from the mudbank, she was carefully steered back into the main channel, and towed to Norfolk, where she was placed in drydock to determine what, if any, damage had been done.

Only three of the Missouri's 400 compartments were believed to be damaged, and Rear Admirals Allen E. Smith and Homer N. Wallin, in charge of repairs, said that it was possible the battleship would be ready for action in three to five days.

U. S. NAVY & MARINE CORPS



The Navy's new flying radar laboratory, a specially modified Lockheed Constellation, prepared to conduct extensive tests of the Navy's airborne early-warning radar equipment and procedures. Photo shows the large "radomes" on the top and bottom of the fuselage, and also the elongated nose structure and the rows of antennae.

A court of inquiry, ordered by Admiral Blandy, will convene today to determine the circumstances surrounding the grounding. It will be headed by Rear Adm. Milton E. Miles.

Capt. William D. Brown, the Missouri's commanding officer, said that the mishap had not been brought about "as a result of carelessness." The accident occurred during Captain Brown's first cruise aboard the battlewagon.

Promotions for Eight

The selection of eight Navy Staff Corps captains for promotion to the rank of rear admiral, was approved by President Truman on 28 Jan. Those selected include two captains each from the Medical, Dental, Supply, and Civil Engineer Corps.

They are:

Medical Corps

Frederick C. Greaves, Commanding Officer of the Naval Hospital at the National Naval Medical Center, Bethesda, Md.

John Quincy Owsley, Commanding Officer of the Naval Hospital at Great Lakes, Ill.

Dental Corps

Henry R. Delaney, Deputy Chief of the Dental Division, Bureau of Medicine and Surgery, Washington, D. C.

Daniel Webster Ryan, Dental Officer of the Severn River Naval Command, Annapolis, Md.

Supply Corps

Charles L. Austin, Commanding Officer of the Navy Supply Corps School, Bayonne, N. J.

George F. Yoran, presently attached to the Military Sea Transportation Service, Washington, D. C.

Civil Engineer Corps

Harold W. Johnson, District Civil Engineer and District Public Works Officer, Twelfth Naval District, San Francisco.

Albert D. Alexis, District Public Works Officer, Fifth Naval District, Norfolk, Va.

Other Corps

John C. Gandy, Commanding Officer of the Naval Hospital at the National Naval Medical Center, Bethesda, Md.

John C. Gandy, Commanding Officer of the Naval Hospital at Great Lakes, Ill.

Marine Air Trophy

Marine Fighter Squadron 142, an Organized Marine Corps Reserve unit at Miami, Fla., has been awarded the Marine Air Reserve Trophy for its outstanding accomplishments during the past year.

Presentation of the trophy, which took place in ceremonies at the Miami Naval Air Station, was made by General Clifton B. Cates, Marine Corps Commandant, to Lt. Col. Rolland F. Smith, USMCR, the squadron's commanding officer.

Among those present for the ceremony were Maj. Gen. William J. Wallace, Director of Marine Aviation; Rear Adm. Lucian A. Moebus, Assistant Chief of Naval Operations for Air; Brig. Gen. William O. Brice, Commander of Marine Air Reserve Training; and Brig. Gen. Clayton C. Jerome, Director of Marine Corps Public Information.

M.C.I. Anniversary

The thirtieth anniversary of the Marine Corps Institute was celebrated this week on 2 February.

Characterized by Marine Commandant General Clifton B. Cates, as "an important Marine Corps activity," the Institute was founded in 1920 and has grown considerably in the 30 years of its existence.

The curriculum of the Institute, General Cates said, "has kept pace with the Corps' ever-increasing need for thoroughly trained, well educated men." He added that, "with technological advances in warfare, the Institute will keep pace and continue to provide the basic tools with which Marines may become more proficient in their profession."

Founded with the purpose of offering a curriculum of vocational, nonmilitary subjects for Marines who wished to improve their education while in the service, the Institute expanded during its three decades to enable the Marine to complete high school, prepare for the entrance examinations to the service academies, study courses in college and vocational fields, or merely to satisfy his quest for cultural development.

FMFPac to New Location

Plans to move the Headquarters of Fleet Marine Force, Pacific, from Camp Catlin on the Island of Oahu, to the Marine Barracks, Naval Base, at Pearl Harbor, have been announced by Marine Corps Headquarters.

The announcement said that "the move was directed for economy purposes."

Camp Catlin, which will be vacated on or about 1 April, will be turned over to the Commandant of the Fourteenth Naval District with the usual recovery clause, as currently surplus to Marine Corps needs.

Originally built to provide a training area for the 2nd Marine Division, the Camp was named in honor of Brig. Gen. Albertus W. Catlin, first commanding officer of the Marine Barracks at Honolulu.

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Reappoint Gen. Hill

The President, with the approval of the Senate, has reappointed Maj. Gen. William P. T. Hill to another two year term as Quartermaster General of the Marine Corps.

General Hill was administered the oath of office by General Clifton B. Cates, Commandant of the Marine Corps, during a brief ceremony at Marine Corps Headquarters in Washington.

He has served as Marine Corps Quartermaster General since 1 Feb. 1944 when he received his first appointment to that office succeeding Maj. Gen. Seth Williams. He was reappointed for his first two year term in 1948.

During World War II General Hill served as Executive Officer and Officer in Charge of the Supply Division in the Quartermaster Department, and as Liaison Officer for Construction at Camp Lejeune, N. C., prior to his appointment as Quartermaster General. For those services he was awarded the Distinguished Service Medal.

General Hill was born 22 Feb. 1895 in Vinita, Okla., and was commissioned a second lieutenant in May, 1917. He is a graduate of the University of Oklahoma.

During World War I he served with the First Aeronautics Company in the Azores until recalled to Miami, Fla., to become an aviation instructor.

In addition to serving in quartermaster duties during his long career, General Hill also went to Alaska in 1920 as a member and geologist of the Naval Alaskan Coal Commission in connection with a survey of coal fields in Alaska, as a source of fuel for our Pacific Fleet. Later, while stationed in Peking, China, in 1926, he served as a member of the Roy Chapman Andrews Asiatic Expedition of the American Museum of Natural History of New York, which was engaged in exploring the Mongolian Gobi Desert.

Elevated to Captain

The selection of 117 line commanders for promotion to the grade of captain for temporary service, was approved this week by President Truman.

Among those selected for promotion were Commanders Eugene Tatton and Alfred B. Metsger, two of the nine officers below flag rank, who testified for the Navy during the recent Congressional hearings on unification.

Others selected were:

Peter R. Lackner	Freeman Cutter
Francis J. Johnson	George W. Molesworth
William H. Farmer	Lawson P. Ramage
Walter C. Wingard, Jr.	Henry Mullins, Jr.
Albert F. White	Louis F. Volk
Emmanuel T. Goyette	Bafford E. Lewellen
Myron W. Graybill	Richard R. Hay
Erle V. Dennett	Byron L. Gurnette
Francis W. McCann	James R. Z. Reynolds
Albert D. Lucas	John B. Fellows, Jr.
Emery Roughton	Archie D. Frazer
George R. Over	George E. Peckham
Paul F. Heerbrandt	Morris A. Hirsch
Thomas D. Tyra	Robert A. Theobald, Jr.
Richard K. Anderson	E. L. Robertson, Jr.
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Frank G. Raysbrook	Philip W. Mothersill
Lucian F. Dodson	John D. Crowley
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Restudy Navy Pass-overs (Continued from First Page)

of Commander Rawlins' work on a special project involving convoy escort activities, said he had done a "superior job."

The opposition witness for the legislation on Thursday was Rear Adm. John W. Roper, USN, Chief of Naval Personnel, who contended that passage of the measure authorizing the President to promote Commander Rawlins to the permanent grade of captain, to rank from 1 June 1943, "would tend to vitiate the orderly system of promotion by selection." Admiral Roper testified that Commander Rawlins was promoted to his present grade in 1942 and was considered by four boards or panels for promotion to captain. "It is evident, therefore," said Admiral Roper, "that Commander Rawlins was not in the majority opinion of any one of these boards or panels deemed to be an officer best qualified for promotion."

Admiral Roper stated that Commander Rawlins was considered again by a statutory board convened in November 1948, but added that "since he was not in the promotion zone, the failure of the board to select him does not reflect discredit upon his performance of duty but indicates that the selection board considers others to be better qualified to perform the duties of the higher grade."

The Chief of Personnel added that Commander Rawlins was in the promotion zone of officers considered for captain by a statutory board convened in early January 1950, but failed of selection.

With regard to Navy Department opposition to the general review measure, which was passed by the Senate after it had amended a bill which sought relief only for Commander Rawlins, Admiral Roper said: "Any selection system involves elements of alleged injustices to some individuals." He held that "a review, as set forth in this bill, of the judgment of the various boards and panels, recommendations of administrative action, and reconstruction of records and eligibility lists at this time, will be most difficult, time consuming and of considerable administrative cost to the government. It is the considered opinion of responsible officers of the Navy," he continued, "that the results of action based on such review and the board's recommendations could be disruptive to morale and possibly lead to greater injustices than are now claimed by a few officers."

Admiral Roper said that if the measure were adopted, the Navy desires amendments which would preclude reconsideration of the action of statutory selection boards after 6 Aug. 1947; provide for the computation of retired pay based on any higher grade attained by a retired officer; limit the duration of "extra-number" status; provide separate boards to review Navy and Marine Corps cases and require officers concerned to request a review of their cases, rather than have this be automatic. He said also that if the bill should pass, cases of commissioned officers of the Naval Reserve

and Marine Corps Reserve should be included.

During Admiral Roper's testimony, he was questioned about selection procedures, particularly with regard to the authority of the President or the Secretary of the Navy to add or delete names. Specifically mentioned during the hearings was the name of Capt. Arleigh Burke, USN, whose name appeared on the recent list of 23 officers chosen for advancement to the rank of rear admiral. Admiral Roper said that when the selection board completes its work, the report goes to the Secretary of the Navy via the Judge Advocate General. He said he had no knowledge of whether any name was added or deleted.

Commander Rawlins told the House committee that in addition to his case, there were other officers who suffered injustices as a result of the wartime promotion boards. He said he was not questioning the merits of the statutory promotion boards in the Navy Department, but only the wartime system.

Washington State Vet. Bonus

The Bureau of Naval Personnel has called the attention of all Washington veterans to their state "Veterans' Bonus."

Information pertaining to personnel eligible for the bonus is:

"All members and former members of the Armed Forces who served on active duty between 7 Dec. 1941 and 2 Sept. 1945, both dates inclusive, and who at the time of entering the service were residents of the State of Washington and had maintained such residence for at least one year immediately prior thereto, and who are still in active service or who have been separated under conditions other than dishonorable may be eligible for a bonus at the rate of ten dollars for each month of domestic service and fifteen dollars for each month of foreign service between the above dates."

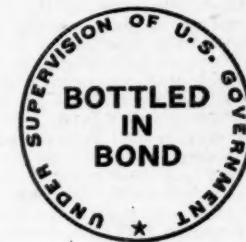
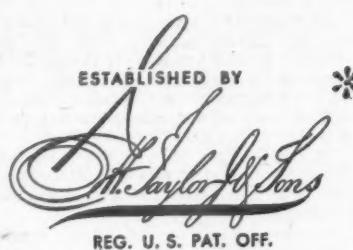
Application procedures for active duty personnel are handled through commanding officers. Eligible civilians should write directly to Application Division, Division of Veterans' Compensation, Office of the State Auditor, Olympia, Wash., for application forms and further information.

Tribute to General Arnold

The Air Force has published General Orders No. 7, inclosed within black borders, to report officially the death of General of the Air Force Henry Harley Arnold on 15 Jan. at Sonoma, Calif.

The Air Force characterized General of the Air Force Arnold as "a brilliant Air Force leader and military officer, whose foresight throughout his entire career provided the way for the development of the Air Force of today. With his passing the Air Force has lost a great airman and a courageous Commander," the General Orders stated.

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Air Force Gunnery Meet

Fighter pilots representing 19 units of the Air Force and the Air National Guard will compete in various types of gunnery, rocket firing and bombing events at the annual USAF gunnery meet scheduled to begin 29 March at Las Vegas AFB, Nev. The meet will last approximately 12 days.

Each team will consist of three pilots, plus an alternate team member. These pilots have been selected as the "best shots" in their respective outfits. As was the case last year, the competition will be divided into two classes—jet fighters and propeller-driven fighters.

The jet division will include Lockheed F-80 Shooting Stars, Republic F-84 Thunderjets and North American F-86 Sabres. Conventional propeller-driven fighter planes competing in the meet will include Republic F-47 Thunderbolts and North American F-51 Mustangs and F-82 Twin Mustangs.

All of the planes will compete in five gunnery events: air-to-ground gunnery in which the planes will strafe ground targets; air-to-air gunnery requiring the contestants to fire at panel targets towed behind other aircraft; rocket firing; dive bombing; and "skip" bombing—a method of bombing in which the fighters release their bombs as they approach targets at low-altitude.

Teams from the following units will participate:

Jet Class

4th Fighter Group (F-86), Langley AFB, Va.; 20th Fighter Group (F-84), Shaw AFB, S. C.; 31st Fighter Group (F-84), Turner AFB, Ga.; 33d Fighter Group (F-84), Otis AFB, Mass.; 56th Fighter Group (F-80), Selfridge AFB, Mich.; 78th Fighter Group, (F-84), Hamilton AFB, Calif.; 81st Fighter Group (F-86), Kirtland AFB, N. Mex.; 1st Fighter Group (F-86), March AFB, Calif.; 57th Fighter Group (F-80), Alaska; 36th Fighter Group (F-80), Europe; 49th Fighter Group (F-80), Far East; 116th Fighter Group ANG (F-80), Marietta, Ga.; 27th Fighter Group (F-84), Bergstrom AFB, Texas; 333d Aircraft Gunnery Squadron (F-80), Las Vegas AFB, Nev.

Conventional Class

235th Fighter Group (F-82), Moses Lake AFB, Wash.; 53d Fighter Group (F-82), McGuire AFB, N. J.; 86th Fighter Group (F-47), Europe; 8th Fighter Group (F-51), Far East; 144th Fighter Group ANG (F-51), Alameda, Calif.

W.O. Proficiency Tests

The Air Force is developing Warrant Officer Proficiency Tests for each warrant officer classification in the Airmen Career Program. These examinations will be used after 1 July as part of the criteria for selection of permanent and temporary warrant officers.

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U. S. AIR FORCE

Temporary Air Academy

The Air Force, beset by the problem of raising the proportion of college trained officers in its regular establishment, is planning the establishment of a temporary air academy, it was revealed this week.

The annual report of the Secretary of the Air Force declares that "the only solution to this problem is the establishment of an additional Service academy." The Department of Defense has submitted legislation to Congress asking for creation of a third academy.

In the interim, the Air Force has activated a special committee to study almost 200 proposed sites for the permanent academy.

However, Secretary W. Stuart Symington has maintained that the need is so serious that a temporary academy is needed.

His report gave no further details concerning the site for this temporary academy, nor was any information available as to when it would be opened.

Col. Wolf to Munitions Board

Sidney K. Wolf, World War II Air Force colonel, Manager of Special Products Division, Federal Telephone and Radio Corporation, Clifton, N. J., associate of International Telephone and Telegraph Corporation, has been appointed Executive Director of the Munitions Board Electronic Division. This Division is preparing a mobilization plan to guide Army, Navy and Air Force in dealing with the electronics industry.

In his new post Colonel Wolf will be concerned with the supervision of electronic equipment procurement, standardization of equipment specifications, stockpiling of strategic materials and pinpointing areas in which shortages may develop.

From 1941 to October 1943, Colonel Wolf was Deputy Director of the Radio and Radar Division of the War Production Board. He was commissioned a Colonel in the Army Air Force in 1943 and served in Alaska and in the European and Pacific theatres. He has been associated with the L.T. & T. since 1946. Prior to World War II Colonel Wolf spent 10 years with the Western Electric Company as Director of Acoustic Engineering for the Electrical Research Products Division.

In addition to his business experience Colonel Wolf spent 5 years on the faculty of the Sheffield Scientific School of the Yale University as an Assistant Professor where he received his Master of Science degree in electrical engineering.

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New Regulation

AIR FORCE UNIFORMS

More AF Separations

An Air Force central selection board has recommended that 38 Colonels and 227 Lieutenant Colonels, all Reserve officers on extended active duty throughout the USAF, be separated under the second phase of the program of economies announced last fall.

The same board, reviewing officers serving in USAF Headquarters in the grades of Major and lower, named 28 Majors, 11 Captains, and one First Lieutenant for separation.

No recommendations were made for conversion to non-flying status.

The officers will be notified immediately and separation will be effected within 60 days after notification.

The selections represent the total quota for the second phase of the cutback program. Major Air Force Commands are separating and converting officers to non-flying status under the program by monthly quotas determined by USAF Headquarters.

Special Mission Transport

A second Lockheed C-121 Constellation which has been converted to an executive-type transport for transportation of diplomatic, Congressional, and other high Government executives on official missions has been delivered to the Air Force.

The Air Force's other executive-type Constellation has flown more than 150,000 miles in its first year of service, including trips carrying high officials to Europe, Alaska, and Japan. Conversion of the second Constellation because of increased need for executive-type transportation was approved by the Secretary of Defense. The executive-type transport includes sleeping accommodations, cooking facilities, desks to permit work in flight, and special navigational equipment. Use of such aircraft for other than military personnel is carried out in accordance with OSD directives.

The Air Force has eight other C-121s which are a combination cargo and passenger aircraft used by Military Air Transport Service in Transatlantic service.

AF Honors Industrialist

Charles E. Wilson, president, General Electric Company, on 30 Jan. received the Air Force Exceptional Service Award from Secretary of the Air Force W. Stuart Symington in a ceremony held in the Secretary's office in the Pentagon.

The award, made in the presence of members of the Cabinet, Department of Defense, and the Air Staff, and civic leaders was given in recognition of Mr. Wilson's services in "being primarily responsible for breaking the industrial bottlenecks in aircraft production" and "directing the 100,000-plane program to a successful conclusion" during World War II.

The text of the citation accompanying the award follows:

"Charles E. Wilson, preeminent leader of American industry, consistent advocate of that air power necessary for the security of the United States, has rendered outstanding service to his country. During World War II, in his capacity as executive vice-chairman of the War Production Board, Mr. Wilson was primarily responsible for breaking the industrial bottlenecks in aircraft production. It was he who directed the 100,000 plane program to a successful conclusion. As head of the General Electric Company during the critical past decade, Mr. Wilson has directed research and development in electronics and jet propulsion which has resulted in attaining vital radar and aircraft communication systems, the all-important turbo-supercharger, and such turbo-jet engines as the J-47. In the post-war period, Mr. Wilson has continued his many activities in behalf of military aviation by serving on the Aircraft Industry Advisory Committee of the Munitions Board, also as Chairman of the National Air Council. He has been an inspiring example to the youth of America, not only because of his leadership in industry, but also because of his great interest in, and influence on, the lives of our young people. The President of the United States rightly described him recently as "One of America's greatest citizens." Mr. Wilson's achievements distinguish a brilliant career of exceptional services to the Department of the Air Force and to his country."

Air Secretary's Address

Warning bluntly that in an air-atomic age the American people must be aware of dangers which confront them, Secretary of the Air Force W. Stuart Symington said this week that Soviet Russia has a ground army greater in numbers than the combined armies of the United States and its allies; an Air Force whose strength in nearly all categories is now the largest in the world and growing relatively larger month by month; and the world's largest submarine fleet.

"If any Democracy attempted to maintain in peacetime a comparable regular armed force," the Air Force Secretary told a graduating class at Baylor University, Waco, Tex., "the free economy of that democracy would be wrecked."

Although he emphasized the need for limitation on defense spending, Secretary Symington warned also that "false economies" must not be invoked in order to balance the Federal budget. "Those who are critical of this administration for not bringing the national budget into balance may be guilty of ignoring the grim realities of the world in which we live."

Secretary Symington said he is convinced that "no loyal and informed American would knowingly consent to dangerous concessions in our security program in order to achieve some otherwise desirable fiscal objective. The risks involved are too great—the stakes too high, for any such false economies."

In his address, Secretary Symington reported that the Russians are known to be building quantity bombers capable of flying from Moscow to Texas in 18 hours.

Reiterating the need for adequate defense, he said every American should know that "behind the iron curtain there has been an atomic explosion; behind that curtain is the air equipment capable of delivering a surprise atomic attack against any part of the United States"; and he added that "we have no sure defense against such an attack."

Continued Secretary Symington: "The bleak picture is that today we have a group of dictators dedicated to destroy our way of life. They are capable now of unleashing, without warning, the world's largest ground army, air force and undersea fleet. The gravity of this situation," he stressed, "is multiplied many times by our knowledge of achievements being made by Russian scientists in the field of atomic energy."

Rhetorically, Secretary Symington declared: "I ask you, if these leaders want peace, why are they building their armed strength to such staggering proportions?"

He likened the "cold-war" in some respects to the medieval struggle between Islam and Christianity and said: "Many feel those dedicated to communism are, in effect, now waging a new religious war, with the dialectic materialism of communism the basis of a godless faith."

Urging strength in the face of Russia's military strength, Secretary Symington observed: "History teaches that mere races for armed might do not prevent wars. History also teaches, however, that weakness invites aggression."

Opposes ANG Flight Cut

A recent order restricting flying time for the Air National Guard may cause the deaths of 12 to 18 Air Guard pilots before 30 June, Maj. Gen. E. A. Walsh, President of the National Guard Association of the United States, charged this week in appealing for the restriction to be lifted.

The cutback in flying time, ordered by the office of the Secretary of Defense as part of the economy move in the Defense establishment, restricts Air Guard pilots assigned to combat positions to an average of 110 hours for the Fiscal Year 1950 and all other pilots to an average of 80 hours.

In Fiscal Year 1949, Air National Guard accidents claimed 50 lives, the General said. After studying accident rates, the Association's Air Advisory Committee, headed by Brig. Gen. Frank Allen of Chicago, came up with the conclusion that if the present restriction continues "12 to 18 more pilots will be killed in Fiscal 1950," General Walsh added.

AF Housing Project

First units in a 56-family housing project at Lowry AFB, Colo., which will cost \$1,000,000, are expected to be ready for occupancy between 15 March and 1 April.

Stress Strategic Bombing

Emphasis on strategic bombing and a close "consumer-producer" relationship with the Atomic Energy Commission were points stressed in the annual reports of Secretary of the Air Force W. Stuart Symington and General Hoyt S. Vandenberg, Air Chief of Staff, released this week.

As to the over-all size of the Air Force, Secretary Symington reported the earlier plans to increase to 70 Groups by 1950 and the later cut-back. Then he stated:

"It is our earnest desire to support the Administration's budget, because we realize that economic disaster could be equivalent to military disaster. That, however, does not change the position of the Air Force; namely, from a purely military standpoint, 70 groups or its equivalent (now 67 groups) is necessary for the minimum peacetime security of the United States.

"The administration recommended to the Eighty-first Congress authorization legislation which would give a 70-group Air Force. The administration does not believe, however, that the country can afford such an Air Force at this time."

Research and Development

Significant advances in the fiscal year 1949 were outlined by Secretary Symington as follows:

(1) Development of radar-optical bombing equipments, suitable for our present aircraft and those planned through the next several years, with which we expect to get bombing accuracies much better than World War II accuracies with Norden equipment.

(2) Development of two new penetration fighters—the F-88 and the F-90.

(3) A new world's speed record for combat-loaded aircraft—the F-86, which flew 670.9 miles an hour.

(4) Major increase in the power output and durability of jet engines, with concurrent decrease in fuel consumption. As example, the thrust rating of the J-33 engine was increased from 3,750 to approximately 5,000 pounds. Based on present trends, it is expected that the thrust rating of this type of engine will be doubled during the next 2 years, with an increase of only 50-per cent in weight.

(5) Further improvement in the system and equipment for air-to-air refueling—a great advance over the system used in the round-the-world nonstop flight of the *Lucky Lady*.

(6) Much better performance of large bomber reciprocating engines at very high altitudes—this resulting from increased knowledge and experience in ground maintenance and the technique of high-altitude operation of these engines.

(7) Extension in range of guided missiles to distances well beyond any heretofore recorded; and highly successful flights of aircraft navigated by equipment designed for control of guided missiles.

Strategic Warfare

Discussing tactical aviation and strategic air warfare, Mr. Symington said:

"Over-all program cut-backs required a reduction in the number of so-called 'tactical' Air Force units. In determining where to reduce, however, the requirements of jointly agreed war plans were strictly adhered to."

"Consistent with the emphasis placed on this mission by the Joint Chiefs of Staff, during the past fiscal year the Air Force accorded first—but not exclusive—priority to manning and equipping the Strategic Air Command. Training of the medium-range bombardment force—the B-29's and B-50's—was intensified. In order to familiarize personnel with operating conditions outside the United States, units were dispatched on a rotational schedule, and for limited periods, to certain overseas bases.

"The year's activity was highlighted, however, by further developments of the capacity to conduct very-long-range bombing operations—thereby providing against the contingency that suitable overseas bases might not be available at the outset of any possible future hostilities. Long-range intercontinental bombing capacity was demonstrated by flights of combat-loaded B-36 bombers in excess of 10,000 miles, and also by the nonstop round-the-world flight of the B-50 medium bomber, the *Lucky Lady*, through the use of air-to-air refueling."

General Vandenberg, in his section on "Development of Strategic Capabilities," said:

"Because of the great and increasing range and speed of modern airplanes it is not possible to impose absolute limitations upon the effectiveness of attacking forces nor is it possible to protect, with certainty, any significant target or group of targets. Because of the tremendous power of new weapons, the damage that can be inflicted by a successful attacking force may be so great as to justify the possible loss of a major portion of that force.

"Increasing efforts must be directed to-

ward the development of our defensive capabilities, but under present circumstances, and under any circumstances that can be dependably predicted, the total damage that can be done to an enemy by an effective counterattack far exceeds the damage caused by destroying a high percentage of his attacking forces. This means that our greatest deterrent to military aggression is the existence of a strategic force capable of inflicting damage sufficient to make aggression extremely unprofitable. No matter what efforts are made to complicate or obscure this simple fact, it remains obvious and incapable.

"It does not follow that the maintenance of such a force in being is a simple or an inexpensive task. It is a task which becomes more complicated and more expensive every day. Yet it is difficult to predict, outside the realm of vague conjecture, the date when the maintenance of such a force will become any less necessary to the security of the nation. Despite the difficulties and the cost involved, no sensible alternative capable of present implementation has been proposed.

"The continuous maintenance of day-by-day combat readiness during an extended period of peace is an entirely new experience for Americans. The fact that our long-range air units, even those located in this country, are within striking range of a potential enemy creates many problems which are not yet generally understood. The prime importance of our ability to launch an effective counterblow imposes a continuous and inescapable responsibility upon our strategic force that makes all its duties heavier and increases the depth of support it requires. Continuous readiness to meet the sudden demands of modern air warfare prevents many peacetime adjustments and economies that might otherwise be possible.

"The Strategic Air Command must be capable of immediate and sustained operation anywhere on the globe, either independently or in cooperation with land and naval forces. This mission makes it mandatory that its combat units be manned, equipped, and supplied to the end that these units can on short notice initiate combat operation."

Atomic Energy

Concerning closer relationship to atomic energy, General Vandenberg said:

"During fiscal year 1949 the United States Air Force participated to an increasing degree in the National Atomic Energy Program and improved an already close relationship with the Atomic Energy Commission. The Air Force considers such a close interrelationship essential to the national security.

"From the Air Force standpoint, the National Atomic Energy Program comprises three distinct areas of interest and responsibility. The first of these areas might be termed atomic energy for nonmilitary purposes and would include such subdivisions as the performance of basic research, the production of fissile material, the use of atomic energy for power, and the use of radioactive isotopes. The second area is that of atomic weapons. The third area contains the field of atomic warfare and embraces the development of strategies, tactics, techniques, and logistics to assure the most effective combat employment of atomic weapons in the national interest.

"The first of these areas is rightly and logically a civilian function and a civilian responsibility. Just as evident is the fact that the third area is a function and a responsibility of the military. It is in the second area—atomic weapons—that there is a mutual interest shared by the Atomic Energy Commission and the Department of Defense.

"The Air Force believes that atomic weapons must be developed in the closest coordination with the vehicles which are to carry them. Operational factors such as the nature and location of targets and the capabilities of enemy defenses necessitate an interrelationship between the weapon and the vehicle. The Air Force seeks a close and effective consumer-producer relationship with the Atomic Energy Commission in the field of weapon development, and endeavors to aid the AEC's program by providing counsel, guidance, and assistance.

"It is fundamental to the continued sound progress of the Air Force that its responsible personnel possess accurate knowledge of atomic warfare. The Air Force has continued to take advantage of all joint service schools concerned with atomic energy and atomic weapons and has sent an orientation team throughout its commands to explain to key personnel the impact of atomic energy on Air Force operations. Officers and civilian employees with specialized education and training in engineering, physics, mathematics, electronics, metallurgy, chemistry, and other scientific fields are being placed in key positions in the Air Force atomic energy program. Other personnel are receiving formal schooling at civilian academic and technical institutions preparatory to assuming technical responsibilities in this new Air Force field.

"During fiscal year 1949 the atomic capabilities of the United States Air Force increased markedly. Its atomic striking forces are well-integrated teams."

Reserves

Discussing Reserve affairs, Secretary

Symington said:

"Mobilization capacity of Reserve, National Guard, and other civilian components of the Air Force was strengthened during the fiscal year 1949.

"The Air Force Reserve program was revised along more realistic lines, to provide for more economical and effective employment of available resources. Expansion and equipping of the Air National Guard continued, with full authorized unit strength attained by the year's end.

"In the Civil Air Patrol, mobilization missions were allocated, necessary equipment provided, and further plans were made for exchange visits among Civil Air Patrol cadets and cadets of other nations.

"The emergence of an independent ROTC program led to the establishment of two committees. One was an advisory committee of prominent educators to assist the Air Force in planning its curricula and intramural procedures. The second was an interservice committee formed to formulate ROTC policies common to the three services."

Berlin Airlift

Concerning the Berlin Airlift, a highlight of the year, Secretary Symington wrote:

"Virtually all Air Force actions during the fiscal year 1949 were affected by requirements for program revision and retrenchment. In addition, it became necessary to concentrate an unusual amount of the resources of the Air Force on the Berlin airlift, which resources had previously been earmarked for other purposes.

"Historically, this operation was the Nation's first important peacetime use of air power as an instrument of national policy. Although carried on by a military organization, *Vittles* achieved its purpose—defeating the land blockade of Berlin—without the use of military force.

"Speaking the mind of the democratic nations, Winston Churchill summarized the net result in these words: 'Time, though dearly bought, has been gained for peace. . . . The airlift has fully justified itself.'

"The Combined Airlift Task Force (the United States Air Force, the United States Naval Air Arm, and the Royal Air Force) delivered approximately 2,000,000 tons of supplies to Berlin and carried over 70,000 tons of cargo out of Berlin. In more than 500,000 hours of flying, 36 American aircraft and 31 American lives were lost—a safety record comparing favorably with normal Air Force operations in the United States.

"Through 30 September 1949, the total cost of Operation *Vittles* was approximately \$252,540,000. The Air Force assigned to the operation an average of 308 aircraft and 22,573 personnel, including maintenance activities at Burtonwood, England, and training activities at Great Falls, Mont.

"Although costs are measurable, the overall value of the airlift is incalculable. In addition to accomplishing its diplomatic purpose, the airlift set an inspiring example of unified effort of the Army, Navy, and Air Force working in close cooperation with other departments of the United States Government as well as France and Great Britain. It was also a severe but beneficial field test of the operational efficiency of the Air Force—particularly flying technique and logistical support—supply, maintenance, communications, weather service, etc. It has been said that the intensity of Operation *Vittles* telescoped a decade of air transport into a 1-year period."

Air Guard Unit To Jets

The District's 121st (White House) Air National Guard fighter squadron completed its conversion to jet aircraft 28 Jan. with delivery of the last four of 25 F-84 "Thunderjets" from the Republic Aviation plant in Farmingdale, L. I.

As the last of the 500-mile-per-hour fighters were turned over to the District's "Weekend Warriors" at their Andrews Air Force Base home, 12 Air Guard pilots took off for Mitchel AFB, Long Island, N. Y., to undergo high altitude pressure tests in chambers there. The tests are required before the pilots are permitted to check out in the jets.

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Report on AF Training

The Air Force must carry out an "intensive" instructor training program and replace inexperienced personnel as rapidly as possible, Maj. Gen. Robert W. Burns, Deputy Commanding General for Administration, Air Training Command, has declared.

He told students of the Air Command and Staff School of the Air University at Maxwell AFB, Ala., that efforts are being made also to raise the educational level among pilot trainees. He noted that during 1948 only two per cent of the pilot trainees were college graduates and said the formal education level of present classes averages about 13 years of schooling.

New Air Force Fighter

The Air Force's newest jet penetration fighter, the YF-93A, successfully completed its initial test flight at Edwards AFB, Muroc, Calif., remaining aloft for 43 minutes on 25 Jan.

The new swept-wing fighter is similar in configuration to the F-86, but extensive engineering changes have resulted in a virtually new aircraft. The most prominent design difference between the YF-93A and the F-86 appears in the air intake ducts. The YF-93 has two flush ducts, one on each side of the fore part of the fuselage, while the F-86 has a single air intake duct centered in the nose of the aircraft.

Short AF Medical Tours

A regulation has been published by the Air Force permitting medical and dental reserve officers to volunteer for short periods of active duty of from one to 29 days a month, but not more than 90 days of active duty during the fiscal year. This regulation will enable medical and dental reserve officers to maintain an active interest in the Air Force Medical Service, and will alleviate the critical shortage of medical and dental personnel in the Air Force.

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"The Army and Navy Journal is established in the interests of no party; it will be controlled by no clique. Its independence will be absolute. Avoiding all personal and political bias, its influence will be directed solely to the inculcation of sound military ideas, and to the elevation of the public service in all its departments."—From Vol. 1, No. 1, of the Army and Navy Journal, published August 29, 1863.

SATURDAY, 4 FEBRUARY 1950

"Service families deserve the best life that we can give them in return for their sacrifices, although all of us realized when we entered the Service that it could not approach the tranquility or stability of a civilian career."—GENERAL OMAR N. BRADLEY, CHAIRMAN JOINT CHIEFS OF STAFF.

OUR PRIORITY LIST

1. Early construction of adequate Government quarters for commissioned and enlisted personnel at all permanent stations, supplemented by satisfactory legislation to encourage private building of dwelling units near Service establishments.
2. Improved retirement pay for wounded and disabled personnel.
3. Continuance and extension of medical and dental care for families of Service personnel; provision for education at Government expense of children of Service personnel on duty at stations where suitable free schools are not available; and survivor benefits for dependents.
4. Restoration of military exemptions from Federal income tax, broadened to exclude all retired pay from taxation.
5. Early attainment and continued maintenance of a fully-manned 70-group Air Force.
6. Prompt construction of a radar fence and air warning net to cover all avenues of hostile air approach, with continued experimentation and development of new Naval types.
7. Organization and training of a balanced Mobile Ground Force, including air-borne and amphibious troops, of sufficient strength and ready, with complete and modern equipment, for immediate action in an emergency.
8. Development and improvement of the organization and training of the National Guard, Organized Reserves and other civilian components of the Armed Forces, with appropriate training facilities, and restoration of inactive training pay for all elements.
9. Continued scientific research and development in all new and unconventional devices and methods of warfare backed by industry and labor kept constantly ready and trained through production and educational orders.
10. Close supervision and constant restudy of Service promotion and elimination policies and procedures, to insure the prevention or prompt correction of injustices and inequities.

OBJECTIONS of the Bureau of the Budget are blocking construction by the Department of Defense of two prototype long-range cargo or transport planes, designed to point the way toward the development of planes of greater value to both civilian and military aviation. Civil aviation in the United States has pressing need for low-cost, long-range planes of advanced design for freight and passenger service. The Military Services in war would require great numbers of such planes. This need would be met if the civil air lines operated planes of types that would be of maximum service to the Military Establishment in a major emergency. Accordingly the Department of Defense proposed that the Government undertake to develop two prototype planes, designed to meet military requirements, but adaptable to commercial operation. Such a program would be of great advantage both to military and civil aviation, and through subsequent construction by private industry materially increase our defensive posture. The significance of these facts to National Defense is evidenced by the statement of Mr. Stephen Early, Deputy Secretary of Defense, that even with the combined capacity of MATS and the civil airlines, there exists a very real deficit in our wartime airlift needs. However, Secretary of Air W. Stuart Symington disclosed to a Senate Committee that the Director of the Budget had disapproved an estimate for \$30 million for this project. This is another instance in which this functionary has tried to effect an immediate saving irrespective of the permanent effect on National Security. The Congress should promptly authorize this project.

THE build up in the Army's training and defensive forces in the United States, as revealed in Secretary Gray's comprehensive report released this week, is a tribute both to efficient management and to the effectiveness of having the Selective Service law on the books. From a strength of 552,000 on 1 July 1948, the Army, aided by Selective Service, was able to close the fiscal year 1949 with 659,000. In spite of our commitments in occupied areas, the strength at home was increased from 288,000 to 406,000. Through careful planning, the Army command effected an increase of combat strength in the United States by one airborne division (the 11th) one infantry division (the 3d) and 24 antiaircraft battalions. Thus, of our total of ten divisions, the new alignment permitted the retention of five instead of three on our own soil. The biggest shift came in antiaircraft battalions, for whereas in 1948 we had only 13 with 11 of those overseas, 1949 saw an increase to 43 with only 14 overseas. Thus, the Army was able to improve our defense posture in combat-ready troops at home and also to better its own self training program. Recalling the criticism and the expressions of fear a few years back when our strength in the States was so perilously low, Congress should approve and foster the continuance of this trend by providing the necessary funds and extending the Selective Service law.

THE U.S.S. Norton Sound, the Navy's experimental guided missile ship, has returned to her home port at Hueneme, Calif., after firing two Aerobee rockets fifty miles into the upper atmosphere from her sheathed deck, while on a cruise in the Gulf of Alaska. The rockets were fired in connection with a series of experiments to determine the relation between the earth's magnetic field and the activity of cosmic ray particles encountered at high altitudes. Research data were recorded by complicated instruments and relayed by automatic radio transmitters to scientists aboard the vessel. This investigation into the realm of pure science is a phase of the little-publicized peacetime cooperation of the Armed Forces with civilian research agencies. Guided missiles of great potential military value in a future conflict are being used in peace to wrest the secrets of the universe from the stratosphere. The knowledge so gained may lead to discoveries of tremendous value. This operation is a continuation of the service to scientific research and development that has been traditional throughout the history of the Navy.

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Letters to the Editor

Letters expressing individual views and intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as evidence of good faith. If the writer desires to omit his name when the letter is published, he should so state. The ARMY AND NAVY JOURNAL may find it necessary to use only extracts from longer letters so that more viewpoints may be represented.

Naval Auxiliary Service

Editor, THE JOURNAL:

During the Spanish-American War, the U. S. Naval Auxiliary Service was established, manning colliers, supply, refrigeration and water ships. All Naval Auxiliary Officers received their appointments from the Chief of Bureau of Navigation, taking an oath of allegiance to the United States. Several Officers of the Naval Auxiliary Service served their apprenticeship on State Training Ships Officered by Naval Officers, also serving as Instructors on such U. S. Frigates assigned: Massachusetts, Enterprise, New York, Saint Marys; Pennsylvania, Saratoga. In 1917, the Navy Department abolished the Naval Auxiliary Service without consideration of the former Officers' future, whose service was, in some cases, 19 years.

Naval Auxiliary personnel served in various campaigns, such as the Spanish-American, Cuban Pacification, Haitian, Santo-Domingo, Nicaraguan, Chinese-Dynasty-Overthrow, Mexican, and Vera-Cruz, being attached to a Squadron or Fleet, often carrying out Naval Orders, being unarmed and with no escort, drawing fire from foreign batteries.

Public Law 761, 80th Congress, covering former Lighthouse personnel, and Public Law 308, 81st Congress, covering former Bureau of Navigation and the Steamboat Inspection Service personnel, all civilian service was computed for retirement purposes in the Coast Guard.

Attention of the Bureau of Naval Personnel should be called to the Coast Guard's action with the hope that the Navy Department will recognize the service of former Naval Auxiliary personnel for retirement purposes.

Former Naval Auxiliary Officers should contact their Senators and Representatives asking them to seek legislation rectifying the present injustice and crediting them with their Naval Auxiliary Service for retirement purposes in the Naval Reserve.

All of our boat drills, ship inspections, and various other duties usually carried out by the Bureau of Steamboat Inspection on Merchant Ships were conducted by Naval Officers.

Former Naval Auxiliary Officer with 12 years service; Graduate Massachusetts Nautical U.S. (Frigate) Enterprise, 1902.

Reserve Promotion

Editor, THE JOURNAL:

On your "Our Priority List" you give No. 11 to "correction of injustices or inequities" in service promotion systems. Are you aware: That NO system for promotion of Reserve officers on active duty exists that is even comparable to the Regular officers plan of so long in grade guaranteed promotions! The Reserve officer gets no promotion plan—why? Because there isn't any plan in existence. Yet Regular officers of 35 years of age with five years Commissioned service are promoted two permanent grades to permanent Major—over Capt. reserve officers who have 7 or more years Commissioned service and are around 26-29 years old.

Capt. R. L. McDennis,
Reserve Officer.

Service Humor

Financial Report

Airman's Wife: "Honey, you know, I'm ashamed of the way we live. Mama pays our rent. Aunt Martha buys our clothes. My sister sends us money for food. I'm sorry we can't do better than that."

Airman: "You should be. After all, you have two uncles that don't send us a nickel."

—Keesler News

Tax Form

Bill: "Rita, will you come back later. Right now I'm trying to figure out my income tax."

Rita: "That's just what I wanted to see you about—there's something wrong with my form."

Bill: "Just keep your coat buttoned and nobody'll notice it."

—Medi-Call

Pharaoh's Daughter

Why was Pharaoh's daughter like a broker?

Because she got a little prophet from the rushes on the banks.

—Sky View

In The Journal

One Year Ago

Honored by the award from President Truman of a Second Oak Leaf Cluster to the Distinguished Service Medal, hailed in a military parade in New York City, and praised on the floor of Congress by Representative Vinson (D-Ga.), Chairman of the House Armed Services Committee, Gen. Courtney H. Hodges, First Army Commander, this week ended 43 years of Army service.

10 Years Ago

The ARMY AND NAVY JOURNAL saluted: Capt. Clifford E. Van Hook, USN, who has been assigned to command the USS Portland; and Capt. Taylor Branson, USMC, upon his retirement after nearly 40 years' service with the United States Marine Band.

25 Years Ago

In a hearing before the House Committee on Military Affairs, the Secretary of the Navy stated that he was authorized to tell the committee that President Harding is not in favor of a united air service, as proposed in the Curry bill.

50 Years Ago

The Secretary of the Navy has offered the use of the Naval War College to a certain limited number of Army officers. The Secretary, in a letter to the Secretary of War, showed the advisability of having officers of the Army detailed each year for instruction in matters pertaining to campaigns which might require the cooperation of the Navy with the Army. It is believed that the offer of the Secretary of the Navy will be accepted.

55 Years Ago

Our own belief is that Sherman's great campaign will be found to have cut the Gordian knot of the war. By widely dividing his Army, and then whipping his adversary's entire force with one half, he has put us one army ahead of the enemy—a fatal superiority of pieces on the board of war. So soon as that terrible discovery was made known to the Southern people, the cry for terms began to burst forth. It was a splendid stroke whose influence, we prophesy, will yet come to be felt as the masterpiece hitherto, of the war.

OFFICIAL ORDERS

The Hon. Harry S. Truman, Commander in Chief of the Army, Navy and Air Force
 Military Aide—Maj. Gen. Harry H. Vaughan, AUS; Naval Aide—Rear Adm. Robert L. Dennison, USN
 Air Force Aide—Brig. Gen. Robert S. Landry, USAF
 Secretary of Defense—Leah A. Johnson, Deputy Secretary of Defense—Stephen Early
 Assistant Secretaries of Defense—Wilfred J. McNeil, Marz Lov, and Paul H. Griffith
 Chairman of the Joint Chiefs of Staff—General Omar N. Bradley

GENERAL OFFICERS

Brig Gen P E Peabody, retired upon own appd.

Brig Gen E M Brannon, appointed as TJAG and Maj Gen in the Regular Army of the United States.

Brig Gen F P Shaw, appointed as Assistant JAG and Maj Gen in the Regular Army of the United States.

Brig Gen S B Hayes, Wash, DC, to USAR PAC, Ft Shafter, HI.

Appointed to Brig Gen, AUS

Col R W Brown, JAGC.

Col C B Mickelwait, JAGC.

GENERAL STAFF CORPS

Gen J Lawton Collins, C of S

Lt Col J T Folds, Wash, DC, to Stu Det Armed Forces Staff College, Norfolk, Va.

INFANTRY

Col G E Bush, Wash, DC, to Inf Sch, Ft Benning, Ga.

Col A E Schanze, Ft Jackson, SC, to 3d Inf Div, Ft Benning, Ga.

Col A W Stuart, Ft Jackson, SC, to OC of S, Wash, DC.

Lt Col J J Healy, Springfield, Mo, to US Mil Advisory Gp, Korea.

Lt Col M D Stratta, Portland, Ore, to 82d Abn Div, Ft Bragg, NC.

Lt Col R E Erickson, San Francisco, Calif, to HQ ASA Europe, Frankfurt, Germany.

Maj E Scotti, Ft Dix, NJ, to Cen Int Agency, Wash, DC.

Maj H A Smith, Ft Jackson, SC, to USA Caribean, Ft Amador, CZ.

Maj J Byus, Jr, Little Rock, Ark, to 7689th Hq Gp, Salzburg, Austria.

Capt H D Tugge, Auburn, Ala, to Third Army 3360th ASU Det 1 ORC Instr Gp, Opelika, Ala.

Capt M R Corsetti, New York, NY, to 109th CIC Det First Army, Mineola, NY.

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Capt G K Maertens, Ft Monroe, Va, to AFF Bd No 3, Ft Benning, Ga.

Capt H V Bailey, Jr, Cp Holabird, Md, to 109th CIC Det Second Army, Ft Meade, Md.

1st Lt K A Abrams, Ft Dix, NJ, to USA Caribbean, Ft Amador, CZ.

1st Lt P L Mason, Ft Bliss, Tex, to 43d Armd Inf Bn, Ft Sill, Okla.

1st Lt W T Deppe, Monterey, Calif, to 4th Inf Div, Ft Ord, Calif.

1st Lt L C Wendell, Governors Is, NY, to 9th Inf Div, Ft Dix, NJ.

1st Lt F V O'Connor, New York, NY, to 108th CIC Det First Army, Providence, RI.

1st Lt J R Jelinek, Governors Is, NY, to Office Under Secretary of Army, New York, NY.

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1st Lt F Cathey, Cp Hood, Tex, to Fourth Army 4000th ASU Hq Det, Ft Sam Houston, Tex.

1st Lt W C Pullum, Ft Benning, Ga, to 82d Abn Div, Ft Bragg, NC.

1st Lt M A Scott, Chicago, Ill, to Fifth A 5302d ASU, USA and USAF S Rctg Dist, Kansas City, Mo.

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1st Lt W C Pullum, Ft Benning, Ga, to 82d Abn Div, Ft Bragg, NC.

Army Orders

(Continued from Preceding Page)

1st Lt N L Mosley, Ft Jackson, SC, to 82d Abn Div, Ft Bragg, NC.
1st Lt F R Edick, Warrenton, Va, to 3d Armd Div, Ft Knox, Ky.
2d Lt M C Scheumann, Jr, Ft Benning, Ga, to 2d Armd Div, Cp Hood, Tex.
2d Lt D W Dotson, Monterey, Calif, to 4th Inf Div, Ft Ord, Calif.
2d Lt E D Dougherty, Ft Benning, Ga, to 10th Inf Div, Ft Riley, Kans.

The following Inf officers are reld from station indicated and are asgd to Bremerhaven, Germany:

1st Lt L R Hathaway, Jr, Ft Devens, Mass.
Maj T E Hickman, Ft Dix, NJ.
Capt R J Hoff, Ft Dix, NJ.
Capt W L Durrant, Jr, Ft Dix, NJ.
Maj R W MacCloskey, Ft Riley, Kans.
Capt W H Crews, Roanoke, Va.
Capt M Metcalf, Newport, Ky.
2d Lt A E Colebank, Ft Benning, Ga.
2d Lt J M Hampton, Ft Benning, Ga.
2d Lt J J Plosay, Jr, Ft Benning, Ga.
2d Lt R E Wickman, Ft Benning, Ga.

The following Inf officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

1st Lt R I Adams, Ft Dix, NJ.
2d Lt S J Auerhan, Ft Dix, NJ.
1st Lt E L Bannister, Ft Benning, Ga.
Capt H B Bauer, Ft Dix, NJ.
1st Lt H Byers, Ft Dix, NJ.
Capt J B Colbert, Ft Riley, Kans.
1st Lt E D Berto, Ft Dix, NJ.
1st Lt C V Ickes, Ft Dix, NJ.
1st Lt W Kennedy, Ft Dix, NJ.
1st Lt D B Kern, Indianapolis, Ind.
1st Lt R A Leonard, Ft Dix, NJ.
Capt J D Manning, Ft Dix, NJ.
1st Lt J H Morris, Ft Dix, NJ.
Capt C C Myers, Ft Dix, NJ.
1st Lt B H Pannell, Ft Riley, Kans.
1st Lt A H Pyles, Ft Dix, NJ.
1st Lt R D Redd, Ft Dix, NJ.
1st Lt R Y Upton, Cp Kilmer, NJ.
2d Lt J S Sorin, Ft Dix, NJ.
2d Lt W E Solodar, Ft Dix, NJ.
1st Lt L P Chapman, Ft Sheridan, Ill.
2d Lt R H Gladden, Cp Chaffee, Ark.
1st Lt K H Jackson, Ft Jackson, SC.
2d Lt D A Kimball, Ft Knox, Ky.
1st Lt J E Johnson, Ft Dix, NJ.
1st Lt J Perez-Chilesa, Cp Chaffee, Ark.
1st Lt D M Watson, Ft Ord, Calif.
1st Lt O B Richie, Ft Worden, Wash.
1st Lt J J Stanowicz, Cp Holabird, Md.
Capt M B Cleaves, Ft Devens, Mass.
Capt J J Kelly, Charleston, WVa.
Capt J T Williams, Ft Bliss, Tex.
Capt G S Norman, Jr, Indianapolis, Ind.
1st Lt T F Begley, Pittsburgh, Calif.
1st Lt A G Wilde, Jr, Pittsburgh, Calif.
Capt V T Van Sickle, Pittsburgh, Calif.
1st Lt J G Bliss, Cp Holabird, Md.
Capt G W McCormack, Knoxville, Tenn.
2d Lt J F Frech, Jr, Ft Meade, Md.
2d Lt A Barnes, Ft Dix, NJ.
1st Lt O W Dillard, Ft Dix, NJ.
2d Lt F C Eubanks, Jr, Ft Dix, NJ.
2d Lt A Jackson, Ft Dix, NJ.
2d Lt W J Newsome, Ft Knox, Ky.
Capt T N Rivers, Ft Dix, NJ.

The following Inf officers are reld from station indicated and are asgd to Ryukyus Comd, Okinawa:

1st Lt W E Parks, Ft Riley, Kans.
1st Lt T C Aldridge, Ft Knox, Ky.
Capt B Gruber, Jr, Ft Knox, Ky.
Capt H P Milleson, Ft Riley, Kans.
Capt L G La Fleur, Cp Hood, Tex.
1st Lt A G Cornett, Ft Knox, Ky.
2d Lt K R Reid, Ft Dix, NJ.

The following Inf officers are reld from Ft Benning, Ga, and are asgd to 11th Abn Div, Cp Campbell, Ky:

2d Lt R F Brady, Jr 2d Lt A Clette
2d Lt D H Olson 2d Lt H H Debolt

CAVALRY

Maj E W Grant, Ft Ord, Calif, to AFF Bd No 2, Ft Knox, Ky.

Maj R B Rigg, Wash, DC, to CGSC, Ft Leavenworth, Kans.

Maj F E Voegeli, Amherst, Mass, to OC of S, Wash, DC.

Maj K A L Johnson, Ft Hayes, Ohio, to Athens, Greece.

Capt A B Stansbury, Chicago, Ill, to 113th CIC Det Fifth Army, Kansas City, Mo.

Capt G Willoughby, Ft Meade, Md, to First Army 1122d ASU Mass ROTC Instr Gp, Amherst, Mass.

Capt A J Farrar, Cp Hood, Tex, to US Army Gp American Mission for Aid to Turkey, Ankara.

1st Lt W F Jefferion, Ft Dix, NJ, to 2d Armd Div, Cp Hood, Tex.

2d Lt A Smith, Ft Benning, Ga, to Ryukyus Comd, Okinawa.

The following Cav officers are reld from station indicated and are asgd to Bremerhaven, Germany:

Maj C J Hunsinger, Ft Knox, Ky.
1st Lt D C Smick, Ft Knox, Ky.
2d Lt F A Hunter, Ft Knox, Ky.

1st Lt E P Hancock, Cp Hood, Tex.

Capt F B Evans, Ft Riley, Kans.

FIELD ARTILLERY

Col M C Shea, Cp Leroy Johnson, La, to Hq First Army, Governors Is, NY.

Col A L Warren, Wash, DC, to 5412th ASU ROTC Chicago High Schools, Chicago, Ill.
Lt Col L R Drake, Ft Sam Houston, Tex, to Ft Richardson, Alaska.

Lt Col T J Counihan, Portland, Ore, to Sixth A 6514th ASU, Oreg Mil Dist Hq, Portland, Oreg.

Lt Col G L Higgins, Ft Jackson, SC, to Third A 3411st ASU, Cp Gordon, Ga.

Maj L C Molloy, El Paso, Tex, to 2d Armd Div, Cp Hood, Tex.

1st Lt C R Fowler, Gary, Ind, to 14th RCT, Cp Carson, Colo.

1st Lt J D Simmons, Cp Carson, Colo, to 11th Abn Div, Cp Campbell, Ky.

1st Lt J H Sellers, Brooklyn, NY, to 10th FA BN, Ft Devens, Mass.

1st Lt R B Lewis, FEC, to 2d Armd Div, Cp Hood, Tex.

1st Lt J R Griffiths, Cp Hood, Tex, to 82d Abn Div, Ft Bragg, NC.

1st Lt W B Monical, Phoenixville, Pa, to 11th Abn Div, Cp Campbell, Ky.

The following FA officers are reld from Ft Jackson, SC, and are asgd to Bremerhaven, Germany:

1st Lt D G Meyers Capt M S Slay

1st Lt W D Reich Maj E E Todd, Jr

Maj E F Greene

The following FA officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

2d Lt R M Dickson, Ft Ord, Calif.

1st Lt E E Donoho, Cp Carson, Colo.

1st Lt B J Dunlap, Ft Ord, Calif.

1st Lt H Mills, Ft Riley, Kans.

Capt A H Nugent, Chicago, Ill.

Capt C P Picard, Ft Dix, NJ.

1st Lt R L Pier, Ft Ord, Calif.

2d Lt J N Alexander, Ft Bliss, Tex.

2d Lt L R Brown, Ft Bliss, Tex.

1st Lt M C Elkind, Ft Dix, NJ.

2d Lt J B Ferguson, Ft Bliss, Tex.

Capt R F Freeman, Ft Sill, Okla.

1st Lt C Goss, Ft Sill, Okla.

1st Lt H E Greer, Ft Sill, Okla.

2d Lt L D P Gregg, Ft Bliss, Tex.

2d Lt G H Griffin, Ft Sill, Okla.

2d Lt O M Hardy, Ft Bliss, Tex.

Capt L G Highsmith, Ft Knox, Ky.

Capt J H Holland, Ft Bliss, Tex.

Capt C R Walton, Jr, Ft Jay, NY.

2d Lt A Villoidas, Ft Bliss, Tex.

2d Lt O K Thomas, Ft Bliss, Tex.

Capt J Thomas, Ft Bliss, Tex.

1st Lt R E Thibeault, Ft Dix, NJ.

Capt W W Stockton, Ft Sill, Okla.

1st Lt H W Starling, Cp Hood, Tex.

2d Lt M L Kostoff, Ft Bliss, Tex.

1st Lt D J McDonough, Ft Sill, Okla.

Capt G M McKelvy, Ft Lewis, Wash.

1st Lt R J Ogden, Ft Leavenworth, Kans.

1st Lt W A Pate, Ft Sill, Okla.

1st Lt C R Shay, Ft Knox, Ky.

2d Lt B F Smith, Ft Bliss, Tex.

1st Lt W L V Hale, Cp Holabird, Md.

2d Lt A Terry, Pittsburgh, Calif.

1st Lt L Westwood, Ft Lewis, Wash.

COAST ARTILLERY CORPS

Col W W Worthman, Dayton, Ohio, to Third Army 3501st ASU Oliver GH, Augusta, Ga.

Lt Col H D Lewis, Ft Scott, Calif, to 68th AAA Gp, Ft Ord, Calif.

Maj C E Hertz, Ft McPherson, Ga, to 29th Mil Government Co, Ft Bragg, NC.

1st Lt D W H Crowell, Jr, Ft Lewis, Wash, to Trust, Trieste.

Maj E R Burt, Manchester, NH, to First Army 1129th ASU NH ORC Instr Gp, Laconia, NH.

Capt W L Hodge, Ft Lewis, Wash, to 7689th Hq Gp, USFA, Salzburg, Austria.

Capt F Stappler, Ft Lewis, Wash, to 7689th Hq Group USFA, Salzburg, Austria.

1st Lt K R Hatcher, Ft Bliss, Tex, to 12th Armd Inf Bn, Cp Hood, Tex.

1st Lt W Z McMillan, Ft Bliss, Tex, to 43d Armd Inf Bn, Ft Sill, Okla.

1st Lt R L Vranish, Ft Sheridan, Ill, to 88th Abn AA Bn, Cp Campbell, Ky.

1st Lt M F Pickett, Jr, Ft Bliss, Tex, to Stu Det Arty Sch, Ft Sill, Okla.

2d Lt W R Wright, Ft Lewis, Wash, to Ryukyus Comd, Okinawa.

2d Lt F E Phelps, Ft Lewis, Wash, to Ft Richardson, Alaska.

2d Lt D B Lyons, Ft Bliss, Tex, to Stu Det Arty Sch, Ft Sill, Okla.

The following CAC officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

2d Lt E Brantley, Jr, Ft Custer, Mich.

2d Lt C D Cliburn, Jr, Ft Bliss, Tex.

Capt H H Hartwing, Ft Bliss, Tex.

Lt Col L M Stewart, Ft Scott, Calif.

Maj F E Terry, Ft Lewis, Wash.

2d Lt M M Wood, Jr, Ft Bliss, Tex.

2d Lt L J Hinkle, Ft Lawton, Wash.

CORPS OF ENGINEERS

Maj Gen Lewis A Pick, C of E

Col A C Lieber, Wash, DC, to The Engr Cen, Ft Belvoir, Va.

Lt Col W S Shoemaker, Cp Chaffee, Ark, to 5th AF, Japan.

Lt Col B E Meadows, Cp Hood, Tex, to Ft Richardson, Alaska.

Maj C P Cook, Granite, Ill, to OC of S, Wash, DC.

Capt J Pollard, San Francisco, Calif, to Sixth Army 6103d ASU Br US Dspn Bks, Cp Cooke, Calif.

Capt O D Logan, San Francisco, Calif, to Sixth Army 6012th ASU, Cp Stoneman, Calif.

Capt J T Murphy, Sacramento, Calif, to

Col M C Shea, Cp Leroy Johnson, La, to

Hq First Army, Governors Is, NY.

The following Inf officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

2d Lt S J Borys 2d Lt W J Morris

2d Lt D B Clarke 2d Lt M S Oddyke, Jr

2d Lt A J Cramer 2d Lt W H Piercy

2d Lt H W Deklerk, Jr 2d Lt P M Sheridan

2d Lt E J Lavache 2d Lt W H Snell

2d Lt J J Meade 2d Lt G Uahazi

2d Lt M Messer 2d Lt W H Wack

The following Sig C officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

2d Lt L B Hillebert, Cp Cooke, Calif.

Capt O Pace, Cp Hood, Tex.

Maj H O Voigt, Decatur, Ill.

Capt V M Gellman, Chicago, Ill.

Capt J E Higgins, Cp Gordon, Ga.

Capt T Koeneman, Ft Bragg, NC.

2d Lt J C Struthers, Ft Monmouth, NJ.

The following Sig C officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

2d Lt L B Hillebert, Cp Cooke, Calif.

Capt S C Nethery, to Fifth Army 5022d ASU, Cp Carson, Colo.

2d Lt D Neylon, to Sixth Army 6003d ASU, Ft Ord, Calif.

Maj W P Winters, to OQMG, Wash, DC.

Capt H J Willis, to 56th QM Bn, Cp Hood, Tex.

Capt B B Welch, to Sixth Army 6002d ASU, San Francisco, Calif.

1st Lt C E Seaman, to 10th Inf Div, Ft Riley, Kans.

1st Lt M W Reiss, to Second Army 2111th ASU, Cp Holabird, Md.

Capt G K Peters, to 9161st TSU Det No 22, QM Market Cen, New York, NY.

Capt D H Davis, to V Corps, Ft Bragg, NC.

Capt H J Cullinane, to 5012th ASU Fifth Army Area Food Svc Sch, Ft Sheridan, Ill.

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7099th ASU 1st Arctic Test Detachment, Ft Churchill, Manitoba, Canada.

1st Lt A G Batza, Phoenixville, Pa, to The Engr Cen, Ft Belvoir, Va.

1st Lt B O Lewis, Jr, Stockton, Calif, to The Engr Cen, Ft Belvoir, Va.

1st Lt H F Outman, Ft Belvoir, Va, to TRUST, Trieste.

1st Lt J J Duffy, Ft Lewis, Wash, to The Engr Cen, Ft Belvoir, Va.

The following CE officers are reld from Ft Belvoir, Va, and are asgd to 7689th Hq Gp USFA, Salzburg, Austria:

1st Lt G A Lee Capt R E Fogarty

1st Lt J Ramos

The following CE officers are reld from station indicated and are asgd to Bremerhaven, Germany:

Maj D W Finlayson, Ft Belvoir, Va.

1st Lt J R D Olsen, Ft Belvoir, Va.

The following CE officers are reld from station indicated and are asgd to Yokohama, Japan:

1st Lt A C Miele, Seattle, Wash.

2d Lt J R Combs, Ft Belvoir, Va.

2d Lt L A Pinkey, Ft Belvoir, Va.

2d Lt J Rowe, Ft Belvoir, Va.

The following CE officers are reld from Ft Belvoir, Va, and are asgd to Ryukyus Comd, Okinawa:

2d Lt S E Ballantyne 2d Lt T A Barton

2d Lt T A Ghormley 2d Lt R L Bowden

2d Lt R S Hamada 2d Lt W A Cain

2d Lt C J Zalewski 2d Lt R W Denise

2d Lt R L Mast 2d Lt P C Eaker

2d Lt A L McDowell 2d Lt D R Harper

2d Lt W C Kinsolving 2d Lt B A Rittman

2d Lt V P Humphries 2d Lt R D Wing

2d Lt D M Anderson

The following CE officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

1st Lt T A Villodas, Ft Belvoir, Va.

2d Lt W L McKeown, Ft Belvoir, Va.

1st Lt J W Miles, Detroit Dam, Oreg.

1st Lt J T Poffenberger, Ft Eustis, Va.

The following CE officers are reld from station indicated and are asgd to Ryukyus Comd, Okinawa:

Army Orders

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FINANCE DEPARTMENT—

Maj Gen E M Foster, C of F

Maj J T Wood, Cp Chaffee, Ark, to Fourth Army 4119th ASU White Sands Pr Gr, Las Cruces, NMex.
2d Lt W E Thomas, Ft Eustis, Va, to FEC, Yokohama, Japan.

MEDICAL DEPARTMENT—

Maj Gen R W Bliss, SGM

Medical Corps

Col A M Lehman, Hot Springs Natl Pk, Ark, to Second Army 2262d ASU Valley Forge GH, Phoenixville, Pa.

Col W L Thompson, Ft Myer, Va, to SGO, Wash, DC.

Maj G S White, Ft Sam Houston, Tex, to Third Army 3420th ASU, Ft Bragg, NC.

Maj J Helms, Ft Lewis, Wash, to Sixth Army 2d Inf Div, Western Chemical Cen, Tooele, Utah.

Capt H P Rosack, Ft Sam Houston, Tex, to First Army 1301st ASU Sta Hosp, Ft Monmouth, NJ.

Capt B D Storrs, Ft Sam Houston, Tex, to Fifth Army Sta Hosp, Ft Riley, Kans.

1st Lt R M Lillienfeld, Cp Stoneman, Calif, to First Army 1300th ASU Brooklyn, NY.

1st Lt N B Yourish, Philadelphia, Pa, to Stu Det Hq First Army, Goldwater Memorial Hosp, Welfare Is, NY.

The following MC officers are reld from station indicated and are asgd to Bremerhaven, Germany:

Lt Col F G Stephens, Wash, DC.

Dental Corps—

Maj Gen T L Smith, Asst to SG

Capt L Kaminsky, Ft Riley, Kans, to EUCOM, Bremerhaven, Germany.

Capt S Goldsman, Waltham, Mass, to Fifth Army 5010th ASU, Ft Custer, Mich.

Medical Service Corps—

Col Othmar F Gerlup, Chief

Lt Col A D Sullivan, Wash, DC, to Stu Det Hq Fifth Army, St Louis, Mo.

Lt Col C V Frey, Pittsburgh, Pa, to SGO, Wash, DC.

Maj R W Hall, Louisville, Ky, to Second Army Sta Hosp, Ft Knox, Ky.

Maj P B Roach, Philadelphia, Pa, to Second Army 2128th ASU Sta Hosp, Ft Knox, Ky.

Capt J V DeLuca, Aberdeen Pr Gr, Md, to Second Army 2232d ASU Sta Hosp, New Cumberland, Pa.

Capt H D Mackintosh, Ft Mason, Calif, to Sixth Army 6002d ASU, San Francisco, Calif.

Capt R L Kickley, Jr, Ft Meade, Md, to EUCOM, Bremerhaven, Germany.

Capt H S Kirksey, Ft Bliss, Tex, to US Army Pacific, Ft Shafter, TH.

Capt C M Beattie, Jr, Phoenixville, Pa, to Second Army 2302d ASU Eastern Pa Mil Dist, Philadelphia, Pa.

1st Lt A C Lantz, Aberdeen Pr Gr, Md, to Second A 2118th ASU Sta Hosp, Cp Campbell, Ky.

1st Lt P P Dudyk, Ft Bliss, Tex, to Second A 75th AAA Gun Bn, Ft Meade, Md.

1st Lt J J Ciskowski, Cp Kilmer, NJ, to First Army Sta Hosp, Ft Monmouth, NJ.

Veterinary Corps—

Brig Gen J A McCallum, Chief

Maj J H Shoemaker, Ft Riley, Kans, to Fifth Army 5021st ASU, St Joseph, Mo.

Women's Medical Specialist Corps—

Col Emma E Vogel, Chief

Capt S C Peterson, Ft Sam Houston, Tex, to Second Army 2154th ASU Sta Hosp, Cp Lee, Va.

Army Nurse Corps—

Cel Mary G Phillips, Chief

Capt H E Cundiff, Phoenixville, Pa, to Fourth Army 4050th ASU Sta Hosp, Ft Sill, Okla.

1st Lt G R Rose, Ft Mason, Calif, to Letterman GH, San Francisco, Calif.

1st Lt M L Dowdy, Denver, Colo, to Fitzsimons GH, Denver, Colo.

2d Lt M T Genest, Ft Sam Houston, Tex, to Fitzsimons GH, Denver, Colo.

2d Lt L Cohen, Phoenixville, Pa, to First Army 1301st ASU Sta Hosp, Ft Monmouth, NJ.

2d Lt B J Flaherty, San Francisco, Calif, to FEC, Yokohama, Japan.

The following ANC officers are reld from Army, Ga, and are asgd to station indicated:

Capt M E Herold, to Second Army 2118th ASU Sta Hosp, Cp Campbell, Ky.

1st Lt P M Martini, to Fitzsimons GH, Denver, Colo.

1st Lt V R Kunze, to Fitzsimons GH, Denver, Colo.

2d Lt L E Kaese, to Fitzsimons GH, Denver, Colo.

2d Lt H M Hill, to Fitzsimons GH, Denver, Colo.

2d Lt L B Kelly, to Second Army 2118th ASU Sta Hosp, Cp Campbell, Ky.

The following ANC officers are reld from Ft Hamilton, NY, and are asgd to First Army Sta Hosp, Ft Dix, NJ:

1st Lt M E Nelson, Capt M Cubanks

1st Lt M E Bars, 1st Lt A O Haddock

ORDNANCE DEPARTMENT—

Maj Gen E L Ford, C of O

Col H C Reuter, Ft Monroe, Va, to Dept of the Navy, Bureau of Ord, Wash, DC.

Col G W Hirsch, Benicia, Calif, to US Army Pacific, Ft Shafter, TH.

Capt J L Hake, Ft Crook, Nebr, to Fifth Army 5010th ASU, Ft Custer, Mich.

Capt J A Rimback, Chicago, Ill, to Fifth Army 5019th ASU, Fifth Army Area Ord Shop, Ft Crook, Nebr.

1st Lt K L Cowan, Aberdeen Pr Gr, Md, to 39th AAA AW Bn, Ft Meade, Md.

The following Ord Dept officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

1st Lt C E Hall, Aberdeen Pr Gr, Md.

The following Ord Dept officers are reld from station indicated and are asgd to Bremerhaven, Germany:

Capt S H Tubb, Metuchen, NJ.

1st Lt J A Everett, Atlanta, Ga.

CHEMICAL CORPS—

Maj Gen A C McAuliffe, C of Cml C

Capt A W Bagot, Cp Holabird, Md, to Office Secretary of Defense, Wash, DC.

CHAPLAINS CORPS—

Maj Gen Roy H Parker, C of C

Maj J J Dugan, Augusta, Ga, to 79th AAA Gen Bn, Ft Custer, Mich.

TRANSPORTATION CORPS—

Maj Gen Frank A Helleman, C of T

Lt Col R N Wright, Ft McPherson, Ga, to Third A, 3360th ASU, Det No 1 ORC Instr Gp, Birmingham, Ala.

Maj J F Wolaver, Ft Eustis, Va, to Dept of the Navy, Staff Comdr Amphibious Tng Comd, Coronado, Calif.

Capt C F O'Neal, Cp Holabird, Md, to 116th CIC Det MDW, Wash, DC.

Capt M A Peterson, Cp Lee, Va, to Ft Eustis, Va.

Capt G T Gatlin, Cp Lee, Va, to Ft Eustis, Va.

Capt J A Moneyhun, Great Falls, Mont, to Ft Eustis, Va.

Capt J O'Donnell, Chicago, Ill, to Army Members Hq Joint Task Force Three, San Francisco POE, Ft Mason, Calif.

1st Lt A W Chaplinski, Ft Eustis, Va, to 7689th Hq Gp USFA, Salzburg, Austria.

1st Lt D J Donovan, Cp Edwards, Mass, to Ft Richardson, Alaska.

1st Lt R O'Wens, Cp Kilmer, NJ, to 669th Trans Trk Co, Ft Riley, Kans.

1st Lt A E Melton, Ft Mason, Calif, to Hq & Det 14th Trans Port Bn, Cp Stoneham, Calif.

1st Lt D F Leary, Ft Lawton, Wash, to Ft Eustis, Va.

1st Lt W A Rathbun, Ft Worden, Wash, to Ft Richardson, Alaska.

The following TC officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

1st Lt B B Bond, Ft Mason, Calif.

1st Lt A M Hamilton, Cp Hood, Tex.

The following TC officers are reld from station indicated and are asgd to EUCOM, Bremerhaven, Germany:

Lt Col B R King, Ft Eustis, Va.

CORPS OF MILITARY POLICE—

Maj Gen E P Parker, Jr, PMG

Lt Col J E Benoit, Chicago, Ill, to Ft Richardson, Alaska.

Capt J M Fennell, Wash, DC, to 772d MP Bn, Ft Meade, Md.

Capt E S Joubert, Ft Hancock, NJ, to 2d Inf Div, Ft Lewis, Wash.

Capt C M Hosey, Ft Jackson, SC, to 9301st TSU-Ord, Aberdeen Pr Gr, Md.

Capt R P Goolsby, Wash, DC, to USA Alaska, Ft Richardson, Alaska.

Capt R W Hernandez, Ft Jackson, SC, to Third Army 3340th ASU Det No 1 ORC Instr Gp, Atlanta, Ga.

1st Lt E H Pilling, Louisville, Ky, to 109th CIC Det Second Army, Philadelphia, Pa.

The following CMP officers are reld from station indicated and are asgd to FEC, Yokohama, Japan:

Capt J E Chen, Ft Meade, Md.

1st Lt E W Jaudon, Cp Holabird, Md.

WOMEN'S ARMY CORPS—

Col M A Hallaren, Director

Capt I B Groff, Cp Lee, Va, to Third A 3441st ASU WAC Det, Cp Gordon, Ga.

SPECIAL SERVICES—

Maj Gen T W Herren, Chief

Maj H J Colman, Cp Gordon, Ga, to 4102d ASU Fourth Army Det Brooke AMC, Ft Sam Houston, Tex.

Capt R L Stanley, Ft Sheridan, to Ft Richardson, Alaska.

Capt W L Rawlings, San Francisco, Calif, to US Mil Advisory Gp, Korea.

CHIEF WARRANT OFFICERS—

C F Tucker, Wash, DC, to Ryukyus Comd, Okinawa.

W N Trumbull, Cp Kilmer, NJ, to Frankfurt, Germany.

R L Johnson, Ft Belvoir, Va, to Lexington Sig Depot, Lexington, Ky.

P Hildebrand, Augusta, Ga, to Sig Cen, Ft Monmouth, NJ.

J R Whiteside, Wash, DC, to 328th Army Band, Ft Hamilton, NY.

C E Schlegel, Lexington, Ky, to MDW 7071st ASU, Ft Belvoir, Va.

F G Sorrentino, Ft Monmouth, NJ, to FEC, Yokohama, Japan.

WARRANT OFFICERS (JGO)—

W H Takahashi, Ft Lewis, Wash, to 115th CIC Det Sixth Army, Ft MacArthur, Calif.

F E Price, Ft Sill, Okla, to 2d Armd Div, Cp Hood, Tex.

R Smith, Brooklyn, NY, to Hq First Army, Governors Is, NY.

C J DeBruin, Kingsport, Tenn, to Atlanta Regl Office Army Audit Agcy, Ft McPherson, Ga.

A A Thompson, St Louis, Mo, to 5257th ASU, Office of the SAI ORC, St Louis Med Depot, St Louis, Mo.

J E Boydston, Ft Bliss, Tex, to Ryukyus Comd, Okinawa.

L F Bellinger, Buffalo, NY.

P A Parkison, Waltham, Mass, to 7689th Hq Gp USFA, Salzburg, Austria.

The following Warrant Officers (JG) are reld from station indicated and are asgd to EUCOM, Bremerhaven, Germany:

A W Shore, Cp Holabird, Md.

G E Morgan, San Francisco, Calif.

W L Walker, Jr, Ft Bragg, NC.

RETIRING—

Col J H Stadler, Jr, GSC, upon own appl, advd to Brig Gen.

Col F H Dixon, MC.

Lt Col L K Pepple, Ord Dept, pd (60%).

Col H A Clark, MC, reverts to ret status.

Lt Col J P Maloney, CAC, Sec 509h and 514e, PL 381, 80th Congress.

Col R B Volkel, CAC, Sec 509h and 514e, PL 381, 80th Congress.

Lt Col G M Cole, FA, Sec 509h and 514e, PL 381, 80th Congress.

Lt Col J P Dodge, Inf, Sec 509h and 514e, PL 381, 80th Congress.

Lt Col R B Hubbard, FA, Sec 509h and 514e, PL 381, 80th Congress.

Col G Ross, FA, pd (60%).

Maj A P Fisher, CAC, pd (60%).

Maj J H Johnson, Jr, Inf, Sec 509h and 514e, PL 381, 80th Congress.

Lt Col D L Pattison, TC, Sec 509h and 514e, PL 381, 80th Congress.

Lt Col A W Schermacher, CAC, Sec 509h and 514e, PL 381, 80th Congress.

Maj R Blair, Inf, Sec 509h and 514e, PL 381, 80th Congress.

Col F T Chamberlin, MC, upon own appl.

Col G L Kraft, Inf, upon own appl.

Col N McNeill, Inf, pd (70%).

Col T H Ramsey, QMC, upon his own appl.

Capt R R Bodd, Sig C.

APPOINTED—

Captains

R M Briggs, WAC

Ed Lieutenants

C E Nix, Inf

Warrant Officer (JG)

W E Brown

F A Matuszak

DISCHARGES—

Under Sections 509h and 514e of PL 381, 80th Congress

Capt W B Townsend, TC.

Capt N S Carson, CMP.

Maj C M Bowling, Jr, FA.

Maj S S Campanella, Inf.

Lt Col A B Turner, Jr, Cav.

Capt E W Most, Sig C.

1st Lt C Rieger, Jr, CMP.

Lt Col H W Hinkle, Inf.

Capt W E Roownd, TC.

Capt C M Cassel, JAGC.

Lt Col F V Johnston, Jr, Inf.

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SERVICE NEWS AND GOSSIP

Foreign Affairs—The sudden recognition by Russia of the anti-French regime of the Communist rebels in Indo-China under Ho Chi-minh tremendously complicates the already highly complex political situation in Southeast Asia. It is fraught with many alarming possibilities, and may portend an extension of the Red Chinese conquest into Indo-China, Burma and Thailand.

Premier Georges Bidault of France has indicated that the French government regards Soviet recognition of the rebels as "an act of very great gravity." The French foreign ministry delivered a strong note of protest to the Russian Ambassador at Paris, but that envoy promptly returned it as unacceptable, thus subjecting the already tense relations to a further strain.

Indo-China has long been a rich colonial possession of France, but since the war there has been a persistent revolutionary movement that French troops have been unable to suppress. Recently the French reluctantly agreed to the restoration of the former emperor Bao Dai, as chief of the new Viet Nam state encompassing Indo-China, and on the first of this year transferred to the new government limited powers and attributes of sovereignty, with a view to complete autonomy. Ambassador-at-Large Philip Jessup, presently in Indo-China, delivered to the new ruler the congratulations of the United States State Department and suggested a closer relationship. It is understood that the Bao Dai government will be accorded official recognition in the near future by the United States and Great Britain.

The Red guerrillas in Indo-China are led by Ho Chi-minh, a cadaverous figure, who was trained in Communism in Moscow for five years. His movement has met with considerable success and the rebels now hold much of the coast line and control more than half the population of the country. Their operations have become much bolder since the sympathetic Chinese Red troops have reached the northern border.

The insurrection in Indo-China has ridden high on the crest of the rising tide of anti-foreign sentiment that is currently sweeping through Asia. It is not difficult for the rebels to arouse the new-found nationalism of the natives by pointing to the French as foreign imperialists and to Bao Dai as the puppet of foreign oppressors.

Our State Department calls attention to the long record of Ho Chi-minh as a Moscow agent under various aliases. In Indo-China he poses as a nationalist leader fighting for "Indo-China for the Indo-Chinese," though the State Department says his record shows that he is really working for "Indo-China for the Kremlin." Secretary of State Dean Acheson characterized him as a foe of native independence.

Indo-China is fabulously rich in agricultural and mineral resources and its conquest would be a rare prize for world Communism. If Indo-China falls to the Reds it would be difficult to keep Thailand and Burma from being swallowed. These three countries are the rice bowl of Asia. With proper development and improved transportation they could easily supply rice sufficient, with local production, to feed all Asia. With Southeast Asia in Red hands the pressure to bring India within the Soviet orbit might prove almost irresistible.

Small wonder that France views recent developments with grave apprehension. Undoubtedly this concern is shared by all western powers. The construction of a dike sufficiently strong to stem the Red tide before it engulfs all Asia has been made tremendously difficult, if not impossible.

Speculation is rife in diplomatic circles concerning the prolonged negotiations between Mao Tse-tung, Communist dictator of China, and the Kremlin. Mao has been in Moscow for several weeks, seeking financial aid and military equipment. Naturally the long delay in reaching an agreement has given rise to many unfounded rumors as to demands and counter demands.

Persistent, but unsubstantiated reports are that Russia is insisting on full control of five North China ports, in addition to Dairen and Port Arthur, now under Soviet operation. The additional harbors are said to be Chingwangtao, long used by American Army transports, Haichow, Chefoo, Weihaiwei, formerly a base for our Far Eastern fleet, and Tsingtao.

Other demands by the Russians are reported to include a labor force of half a million coolies to be sent to Siberia for an indefinite period; increased shipments of food to Russia from Manchuria, in spite of famine conditions in China; and new concessions in Sinkiang, Inner Mongolia, and Manchuria, as well as in Tibet, which has not yet been occupied by the Reds.

Mao and his leaders are said to be resisting these demands, and at the same time requesting financial assistance and military equipment, particularly aircraft for use in the projected invasions of Hainan and Formosa, and probably in military incursions into Indo-China and other parts of Southeast Asia.

The accuracy of these reports is open to question, as it is unlikely that details of pending negotiations would leak out, except with the connivance of the parties. Even after the proposed treaty is signed it is probable that most of the terms will be kept secret, especially those likely to be resented by the people of China. Concessions to Russia of the type reported undoubtedly would arouse almost universal opposition throughout China.

From nationalist sources on Formosa come reports of renewed activity in preparation for the Red invasion of Hainan. Some 5,000 small craft, including motor-powered junks, are said to be massing on the south coast of China for the short over-water assault on the island. Red guerrillas on Hainan, numbering about 15,000, are reported surrounded and no longer constitute a threat to the local garrison.

Members of the United States Joint Chiefs of Staff are now in Tokyo conferring with General of the Army Douglas MacArthur, Supreme Commander in Japan. The present critical situation in Indo-China and its relation to the security of our position in Japan were discussed at length. The Joint Chiefs are said to be impressed with the necessity of strengthening our forces in Japan and other Far Eastern outposts, in view of the international tensions built up by the Red conquest of China, and the threatened spread of Communism to other parts of the Orient.

The semi-blockade of highway transport to Berlin from the western zones of Germany continues. After relaxing restrictions for a day the Russians reimposed the slowdown of motor truck traffic, with still no explanation of this action. There have been rumors that Soviet authorities may stop rail freight traffic to Berlin from the west, ostensibly for the purpose of repairing equipment. If this is done it will, in effect, be the re-establishment of the blockade that was broken by the Allied airlift, after more than ten months. Possibly this harassing series of maneuvers by Russia in the cold war is for the purpose of diverting attention from Red activities in Southeast Asia.

Foreign Military Notes—The 4,750-ton Swedish anti-aircraft cruiser Gotland, the first Swedish warship ever to visit Washington, was in the Capital this week, with the Severn River Naval Command and the U. S. Naval Academy serving as official hosts. The ship carries a complement of 450 officers and men.

Former Japanese Lt. Gen. Shigeru Sawada and two of his subordinate officers have completed five year terms at the Sugamo Prison and have been released. The officers were involved in the illegal sentencing and execution of a group of Doomsday fliers who participated in the first World War II raid on Tokyo.

A copyright story in the *London Observer* reports that the Dutch Army is to be reorganized and retrained, with emphasis shifting from preparations for possible action in the East Indies, where light arms, small units and protection from the jungle are of prime concern, to an orientation for possible fighting in Europe, characterized by use of heavy arms in large formations. American training methods instead of British will be utilized, the dispatch related.

Succeeding Air Commodore R. C. Gordon, appointed commanding officer of the Maritime Group, RCAF, Air Commodore M. M. Hendrick has assumed new duties as Air Attaché of the Canadian Embassy in Washington and Air Member of the Canadian Joint Staff in the Capital. During World War II, he served at SHAEF.

General of the Brigade Enrique Diaz Gonzalez, commanding general of the Juarez, Mexico, garrison, has been awarded the Legion of Merit, Degree of Commander, presented him on 1 Feb. at Ft. Bliss, Tex., by Maj. Gen. J. L. Homer, commanding general of that post.

Army Field Forces—Brig. Gen. R. P. Williams, Surgeon, Army Field Forces, visited Camp Pendleton, Va., 24 Jan., where he inspected amphibious training of medical units which are soon to participate in "Exercise Portrex."

Col. D. G. McBride, Research and Development Section, and Lt. Col. M. L. Kunitz, Training Section, were at Fort Monmouth, N. J., 1 and 2 Feb., where they witnessed engineering tests of radio relay equipment. Col. R. H. Kreuter, Research and Development Section, was in Washington, D. C., 3 Feb., where he attended a meeting of the Guided Missiles Committee, Research and Development Board. On 5 Feb., Colonel Kreuter, and Lt. Col. J. H. Kochevar, also of the Research and Development Section, will leave for Aberdeen Proving Grounds, Md. and then go to Great Neck, N. Y., where they will discuss anti-aircraft matters.

Lt. Col. J. H. Kochevar, Research and Development Section, is scheduled to go to Frankford Arsenal, Pa., 9 Feb., where he will confer on anti-aircraft matters. Lt. Col. P. O. Ward, Training Section, discussed appropriations for the National Guard Staff Training Program while in Washington, 1 Feb. Lt. Col. C. B. Henry, Medical Section, was at Edgewood Arsenal, Md., 29 and 30 Jan., where he discussed "Psychological Aspects of Disasters."

Navy Air Deaths—The Navy revealed this week that 195 Naval aviation personnel were killed in air accidents during 1949, exclusive of civilian air mishaps. The Air Force refused to divulge similar information on the basis that it would be a violation of "security."

Philippine Scouts—At the end of fiscal year 1949 the strength of the Philippine Scouts was reduced to 786 men, the annual report of the Secretary of the Army reveals. "This practically terminates the valuable services which these persons have contributed to the Army," Secretary Gray declared.

Revise Award Provisions—The Department of Defense has initiated a study looking to the adoption of uniform medal and awards regulations among the Army, Navy and Air Force and at the same time has called upon Congress to extend the time limits for certain World War II decorations. Testifying this week before a Senate Armed Services subcommittee, Comdr. A. F. Beyer, Jr. USN, of the Navy's Board of Decorations and Medals, and Lt. Col. S. Wallace Fisk, USA, Personnel and Administration Division, revealed that 1,100 wartime awards are still pending.

In S. 2855, Congress has been asked to grant up to two years for the awarding of these medals. Pending are 475 Army awards, approximately 500 for the Air Force and 161 Navy medals. In each case, the decision on the original recommendations has been that the medal should be awarded, but because of statutory provisions the various Secretaries have not been able to authorize the presentations.

The Army and Navy spokesmen said that a comprehensive survey has been undertaken looking towards comprehensive revision of present and non-uniform medal and awards regulations.

Servicemen Attend Movies—During fiscal year 1949, total attendance at 151 Army and 128 Air Force theaters in the United States was approximately 31,000,000, according to the annual report of the Secretary of the Army. Dividends in the amount of \$1,346,040 were sent to profit-making installations for support of special service activities. Construction was initiated on 17 new theaters, 74 were air conditioned, 62 were refurbished and 37,314 theater chairs were purchased. Procured for shipment overseas was \$2,650,000 worth of 35mm. and 16mm. prints.

Army Dental Corps—Maj. Gen. Thomas L. Smith, DC, Chief, Dental Division, Office of the Army Surgeon General, left Washington 29 Jan. for Chicago, Ill., where he is visiting dental installations in and around the Fifth Army Area. He will also attend the meeting of the Chicago Dental Society 6-9 Feb. Before returning to Washington, he will also visit Percy Jones General Hospital, Battle Creek, Mich. He is expected to arrive back in Washington on or about 10 Feb.

On 5 Feb., the American Academy of Oral Pathology will meet at the Stevens Hotel in Chicago. Lt. Col. Joseph L. Bernier, DC, of the Armed Forces Institute of Pathology, in conjunction with Dr. Kurt Thoma of Harvard University, will present a symposium on "The Application of the Clinico-Pathological Conference Technique for the Teaching of Oral Pathology." In addition, Dr. Lester Cahn, Consultant to the Armed Forces Institute of Pathology, will present a paper on a study jointly underway by Dr. Cahn and Colonel Bernier on "Peripheral Giant Cell Lesions."

Army Medical Service Corps—Lt. Col. Charles S. Gersoni, MSC, chief, Clinical Psychology Branch, Psychiatry and Neurology Consultants Division, Office of the Surgeon General, will leave 6 Feb., to interview students, in the interest of the Army's Clinical Psychology Recruitment Program, at UCLA and University of Southern California, both in Los Angeles; Stanford University and University of California, both in San Francisco; and the University of Washington, in Seattle.

Flag for JCS Chairman—A new flag has been created by the Army's heraldic expert, Arthur S. Dubois, and Lt. Col. Wallace Fisk, USA, Personnel and Administration Division, for General Omar N. Bradley, USA, the nation's first Chairman of the Joint Chiefs of Staff. The blue and white silk banner is dominated by an eagle holding three golden arrows, symbolic of the Army, Navy, Air Force, in its talons. The design will be used also on an automobile plate and on aircraft used by General Bradley.

The eagle, its wings outspread, faces the pike—point of honor. On its chest is a shield consisting of 13 stripes, seven white and six red, which represent the original colonies. The flag is divided diagonally with a medium blue section above and white below.

Four stars are placed on the diagonal line, two to each side of the eagle. The Army and Air Force traditionally have placed stars on their flags in a horizontal center line, while the Navy uses a lozenge pattern. The arrangement on General Bradley's flag thus is unlike that used by any of the Services.

The medium blue color corresponds with that used in the flags for the Secretary of Defense, while the white is the color representing the Under Secretary. The flag was hand-embroidered at the Army's Philadelphia Quartermaster Depot and required more than a month for completion of the detailed work.

Air Force Avordupois—Because of the shortage of medical doctors, there have been fewer physical examinations in the past year than are normally required. Now, however, Air Force surgeons have been instructed to give renewed emphasis to expanding waist lines. At Scott AFB, Ill., for example, personnel have been told by a headline in the base newspaper: "Fat Flyers to Face Facts."

Eskimo-Type Footwear—Rubber and canvas "mukluks" which compare favorably with native Eskimo footwear in warmth are being manufactured here by the Hood Rubber Company division of B. F. Goodrich for use in the Arctic by U. S. Armed Forces, Harry W. Martin, manager of footwear, announced this week.

"The mukluk is patterned after the ancient Chinese principle of adding layers of clothing as the temperature falls," explained Mr. Martin, who was a wartime consultant on rubber footwear to the Quartermaster Corps. "Men wear one pair of light cotton and wool socks, two pairs of heavy wool socks and one pair of felt bootees inside the mukluk. The layer idea permits 'breathability' or circulation of air to the feet, a prime requisite when service personnel must keep warm in outdoor temperatures ranging far below zero."

National Guard—A substantial proportion of the 350,000 men in the Army National Guard will train week-ends in small arms firing between now and the start of field training next summer, Maj. Gen. Kenneth F. Cramer, Chief of the National Guard Bureau announced this week. To complete individual weapons training requirements for as many officers and men as possible before they leave for their annual two-week, full-time field training encampments, two armory drill periods, in addition to the customary 48, have been authorized Army Guard units during 1950. Similar provisions were made last year.

Army Chemical Corps—Lt. Col. Donald D. Bode has been relieved from duty with the Radiological Division Technical Command, Army Chemical Center, Md., and has been assigned to the Munitions Division as Division Chief in place of Dr. E. W. Hollingsworth. Dr. Hollingsworth, who has been Acting Chief, will continue in his former capacity as chief engineer of that Division.

The Chemical Center's loss this week, was the Western Chemical Center's gain, when Col. Raymond T. Beurket was transferred to the Utah post as its new commanding officer. A graduate of West Point, class of 1924, Colonel Beurket is replacing Col. Patrick F. Powers. Colonel Beurket has served as Chief of the Edgewood Arsenal section of the Chemical Center since last spring. Lt. Col. Edwin Van Keuren, formerly of the Chemical Corps School staff, is replacing the colonel at the arsenal.

Institute of Pathology—Brig. Gen. Raymond O. Dart, MC, USA, Director, Armed Forces Institute of Pathology, will attend the meeting of the American Academy of Oral Pathology in Chicago 5 Feb. In recognition of his contributions toward the advancement of oral pathology, General Dart will be awarded an honorary fellowship in the Academy. He will also address the meeting on the "Role of the Registry of Dental and Oral Pathology in Research."

Medical Aspects of Special Weapons—The eighth course in Medical Aspects of Special Weapons and Radioactive Isotopes for Reserve medical and dental officers of the Navy will be held the week beginning 27 March, at the U. S. Naval Medical School, National Naval Medical Center, Bethesda, Md. This course is being conducted primarily for the benefit of Volunteer Reserve medical and dental officers and will present the techniques to be employed and the problems likely to be confronted in the field of Atomic Medicine. The first course was given in Feb. 1948 and to date a combined total of about 1,000 physicians and dentists have attended succeeding classes.

Special Tax Ruling—Tax assessors for the City of Atlanta, Ga., at a recent meeting ruled that members of the Army, Navy, Air Force and Marine Reserves, who are active in their Reserve units, are exempt from paying street taxes. Just being a member of the Reserve, the assessors ruled, is not enough. The Reservist must show that he is active, and is a regular attendant at Reserve training sessions.

The ruling does not exempt members of the Reserve from paying city taxes on their real and personal property. By their action, the tax assessors have placed the Reserve in the same category with the regular military and the National Guard, whose members have always been exempt from the city's street taxes.

Army JAGC—Under a unique plan of instruction, officers and enlisted personnel at Fifth Army Headquarters in Chicago are receiving the civilian as well as the Army viewpoint on military law, Col. Robert M. Springer, Staff Judge Advocate, Fifth Army, reveals. "The class in general and the enlisted men in particular appear to enjoy military law being presented to them from the civilian lawyer's viewpoint," Colonel Springer commented.

In response to Colonel Springer's invitation, 12 Chicago lawyers, all members of the Judge Advocate General Corps, Reserve, are instructing 157 officers and enlisted personnel on the fundamentals of law relating to the Army and its courts martial system. The 14-session course, which started 16 Jan., features a daily one-hour lecture period. Each session is conducted by one of the 12 lawyers who have a free rein in the preparation and presentation of the subject material. This material is contained in a 200-page booklet, especially prepared for the students. All veterans of World War II, the lawyers maintain their reserve commissions through participation in the 5528th Judge Advocate General Training Unit headed by Col. Irvin R. McClellan, a Chicago lawyer.

Health of the Army—The amazing health record achieved by the United States Army during 1949 is a tribute to the remarkable efficiency of the Medical Department under the direction of Maj. Gen. Raymond W. Bliss, the Surgeon General. The 1949 daily admission rate, which covers not only hospital patients, but also all those who were relieved of duty by reason of illness or injury for more than one day, was 128 per 100,000. This compares with 132 for 1948, and with the average wartime rate of 202, excluding casualties. With the low admission rate there was a corresponding decline in the death toll, from an annual rate of 220 per 100,000 in 1948, to 200 in 1949. This fine health record, the best in the history of the Army, was achieved in spite of a continued and critical shortage of medical officers. It was accomplished through the consistent application of preventive medicine and the rigorous observance of high sanitation standards throughout the Service. As the Surgeon General points out the low incidence of disease is the more remarkable because of the fact that a very high proportion of the Army is stationed overseas, much of it in areas where sickness is more prevalent than in the United States. The decline in respiratory afflictions, in venereal disease, and in injuries is evidence both of improved discipline and of higher standards of preventive medicine. The health of the Army directly reflects the contentment of the command. Health, morale and efficiency are inseparable. Since the American Army is the healthiest in the world, it follows that its morale and efficiency are correspondingly high. For this happy condition the Medical Department deserves high praise.

Gentleman and Scholar—The following article from *California Medicine* has been sent to THE JOURNAL by its author, Dr. Robert Wartenberg of the University of California Medical School and Medical Center, San Francisco, Calif. Dr. Wartenberg describes the report as a "touching, charming, little story of which the Medical Corps may be rightly proud." He wrote in *California Medicine*:

"On a recent visit to Goettingen, the seat of the venerable Georg-August University, I met the renowned pathologist, Gg. B. Gruber, who formerly held the chair of pathology at the university, and is now retired. He told me the following story: In April, 1945, when the American troops entered Goettingen, an American medical officer entered the Pathological Institute looking for a place to billet his men. He examined every room in the Institute, and was attracted by the gallery of pictures of pathologists. When he noticed among these a picture of Rudolph Virchow, he said: 'A house in which the picture of Rudolph Virchow hangs, whom we Americans admire not only as a scientist but also as a democrat, shall not be occupied by the military.' He gave a brisk military salute, and left. The Pathological Institute of Goettingen remained unoccupied."

Story of Navy Chaplains—The stirring story of the service three Navy chaplains—"a Rabbi, a Parson and a Priest"—is told in the 5 Feb. issue of *The American Weekly*. Appearing in 21 Sunday metropolitan newspapers, the story tells of the devotion of Navy chaplains of all faiths to the motto: "Cooperation without Compromise." Recounted are the contributions of the late Chaplain John R. Robinson, Comdr. Joshua L. Goldberg, Third Naval District chaplain; and Rear Adm. Stanton W. Salisbury, Chief of Navy Chaplains. Of these chaplains, the article's author declares: "Thanks to the three chaplains, any homesick boy, and wounded or dying sailor, can, in the United States Navy, be sure of receiving succor and comfort and the assurance of the unending miracle of faith when his need is strongest, regardless of what church he may attend."

Operation Frost—With the development of the Boeing B-50 bomber into a high altitude, reconnaissance airplane—the RB-50B, one of the main problems was to keep the optical glass of the seven ports for the nine cameras free of moisture condensation, fog and ice at high altitudes. Such a program—"Operation Frost"—was successfully carried out by Boeing engineers with the installation of a specially-designed nozzle which expels a laminar flow of heated air across the inside face of the camera window, thus keeping it free of all condensation.

While great strides were made in the taking of aerial "recon" photos during the war, it is a matter of record that airplane photo reconnaissance camera lenses and window glasses were plagued with condensation when subjected to adverse flight conditions. However, in the RB-50B the ideal combination is realized for the first time: the taking of high altitude pictures from a pressurized cabin through camera windows that are free of all dewpoint disturbances even when the outside air temperature is as low as -65 degrees (F). In the Boeing RB-50B, the specially-designed nozzle fits the length of each port at the edge of the glass. Resembling an airfoil section, the nozzle has a slot with an opening measuring fifty-thousandths of an inch. Through this slot, pre-heated cabin air is forced across the inside of the glass in a continuous parallel layer, keeping it free of condensation. The air flow is shut off automatically when the camera is fired, thus preventing the film from recording any possible disturbance across the face of the camera port.

WAC and WAF Uniforms—Although no details have been released as yet, it is believed that an announcement will be made shortly concerning new uniforms for WAC and WAF personnel. A committee of military experts and top fashion designers reportedly is nearing completion of its study relative to new uniforms.

Medical Officers on Survey—Maj. Gen. George E. Armstrong, Army Deputy Surgeon General, left 2 Feb., on a three-week trip to inspect medical installations and services throughout the Far East Command. Accompanying General Armstrong are Col. Paul I. Robinson, MC, chief of the Personnel Division of the Surgeon General's Office, and Col. A. L. Tynes, MC, chief of the Medical Plans and Operations Division. The group will visit installations of the Navy and Air Force as well as Army.

Infantry Center—Hundreds of airborne students and distinguished civilians gathered at Lee field, Ft. Benning, Ga., on 27 Jan. to pay tribute to the late Maj. Gen. William C. Lee, known as the "Daddy" of airborne warfare. A small, brick and concrete monument was unveiled by his widow, Mrs. Dana Lee, of Dunn, N. C. Brig. Gen. Ridgely Gaither, assistant division commander, 82d Airborne division, Ft. Bragg, N. C., accompanied Mrs. Lee.

Standards of Conduct for Procurement Activities—The Army has published AR 600-205, which enunciates policy with regard to personnel engaged in procurement and related activities. The instructions declare that "the business ethics of all persons charged with the administration and expenditure of Government funds must be above reproach and suspicion in every respect at all times. The Supreme Court," the Army announcement continued, "has stated aptly that as a general rule all men have a moral obligation to refrain from placing themselves in relations which excite conflict between self-interest and integrity."

Air Force Orders

(Continued from Page 595)

dy as Deputy Dir, OSI, IG.
G P Gould, USAFR, Wash, DC, to 1100th
Cas Sv Sq, Hq Comd, USAF, Bolling AFB,
DC.

Major

V E Wickman, USAFR, Maxwell AFB, Ala,
to dy sta at QM Food & Container Institute,
Chicago, Ill.

B J Finan, Jr, USAF, Carswell AFB, Tex,
to HQ USAF, Cen Con Gp, Wash, DC, for
dy w/CIA.

C W Timme, USAFR, Wash, DC, to HQ &
Hq Sq, MATS, Andrews AFB, DC.
J J Dobkin, USAF (MC), Arlington, Va,
to HQ & Hq Sq, 2790th Med Gp, AMC, Wright-
Patterson AFB, Ohio.

B K Baumgardner, USAF, Wash, DC, to
HQ & Hq Sq, ConAC, Mitchel AFB, NY.

Captain

T C Mahr, Jr, USAFR, Wash, DC, to 1100th
Cas Sv Sq, Hq Comd, USAF, Bolling AFB,
DC.

R L Adams, USAFR, Wash, DC, to 3325th
Pit Tng Wg, AFTRC, Williams AFB, Ariz.

L F Beldowicz, USAFR, Wash, DC, to HQ
& Hq Sq, ConAC, Mitchel AFB, NY.

Morris B. Johnson, USAFR, Wash, DC, to
1100th Cas Sv Sq, Hq Comd, USAF, Bolling
AFB, DC.

Harry Allen, CE (ORC), F E Warren AFB,
Wyo, to FECOM.

1st Lieutenant

J A Briggs, Jr, USAFR, Wash, DC, to
1603d AB Gp, MATS, Wheelus Fld, Tripoli,
Libya.

M R Warner, USAF, Arlington, Va, to
8820th AU Wg, AU, Tyndall AFB, Fla.

Warrant Officers

WOJG

G J LaSpina, USAF, Maxwell AFB, Ala,
to HQ & Hq Sq, 307th Bomb Wg, SAC, MacDill
AFB, Fla.

Grayce T Johnson, AFUS, Bolling AFB,
DC, to Hq USAF, Off of Cols, Wash, DC.

AFUS PROMOTIONS

1st Lt to Capt

W K Graves, USAFR (MC).

P E Weathers, USAFR (MC).

USAF APPOINTMENTS

2d Lt J D Alderson, Jr, USAFR, Distinguished Avn Cadet.

2d Lt C L Pratt, Distinguished Mil Grad
of Sr Div, ROTC.

DISCHARGES—

Under Section 500 of PL 331—80th Congress

Maj F L Greene (Capt), USAF.

Maj J G St Lawrence (Capt), USAF.

Maj W H Endicott (Capt), USAF.

Capt W M Tharpe (1st Lt), USAF.

AFUS APPOINTMENTS TO EAD

1st Lt R E Chaney, USAFR (MC), to 1225th
Med Sq, MATS, Peppermill AFB, Nifd.

Capt M M Green, USAFR (MC), to dy sta
at 5040th ASU, Gen Disp, USA, St Louis, Mo.

1st Lt P I Clements, USAFR (AFNC), to
9th Med Gp, SAC, Fairfield-Suisun AFB,
Calif.

ANGUS OFFICERS TO EAD

Lt Col E H Bradford, to Hq USAF, Off
of DCS/P, Directorate of Pers Planning,
Wash, DC.

Col C A Burrows, to Hq USAF, Off of Sp
Asst for R/F, Wash, DC.

Lt Col R Hatch, Jr, to Hq USAF, Off of
DCS/O, Off of Asst for Programming, Wash,
DC.

Col O H Lane, to Hq USAF, Off of Sp Asst
for R/F, Wash, DC.

ADVANCED ON THE USAF OFFICERS

RETIRED LIST

Col R W Stewart (Lt Col), USAF, to gr of
Col, ret on own appl.

ADVANCED ON THE USAF OFFICERS

RETIRED LIST

M/Sgt F J Cox, to Lt Col.

M/Sgt E H Browning, to Capt.

M/Sgt Leroy Cox, to Capt.

M/Sgt C G Barter, to 1st Lt.

M/Sgt A LaFrance, to Maj.

M/Sgt J J Murphy, to Capt.

ENLISTED RETIREMENTS

M/Sgt H E Hilbert M/Sgt P P Jankowski

T/Sgt B C Parker M/Sgt F H Kline

T/Sgt G R Reindollar M/Sgt B Robertson

T/Sgt I W Traphagan M/Sgt J B Wright

S/Sgt L W Jason T/Sgt T E Smith

S/Sgt D I Scott Pfc L A Weathersby

M/Sgt C W Bradley M/Sgt F H Powers

M/Sgt E A Creech M/Sgt McC Chitwood

M/Sgt C V Ferguson M/Sgt J A Connell

TRANSFERS

1st Lt E C Alvord, Jr, USAF (MC) (Capt,
AFUS (MC)), fr the DAF to the DA (RA),
and is asgd to MC.

RESIGNED

1st Lt W M Wright, USAF.

1st Lt J R McFarland, USAF.

Col F R Cook, USAF.

1st Lt C V Braun, USAF.

Navy Orders

(Continued from Page 595)

The Industrial Col of the ArmedFor, Wash,
DC.

Richard L Kibbe, NAS, Patuxent River;
to USS Coral Sea.

John P Roach, 2d TaskFit; to InspInst,
NavRes, San Antonio.

William R Smith, 3d, NavAviaOrdTestSta,
Chincoteague; to USS Tanner.

James G Thorburn, Jr, AstUSNavAttache
and AstUSNavAttache for Air, Paris; to USS
Thomas Jefferson.

Waldemar F A Wendt, NavWarCollege,
Newport; to NavOps.

Richard D White, USS Damato; to Resi-
dent MSTSRep, Houston.

Earl W Wood (SC), BuSandA; to NavCargo
Handling Battalion #1.

Oliver W Bagby, Jr, NavWarCol, Newport;
to BuPers.

Julius M Berrey, NavScol (GenLine), New-
port; to NavForMarianas.

Garrett S Coleman, USS Rendova; to NAF,
Litchfield Park.

Walter J East, Standford Univ, Calif; to
NavSpc.

Joseph F Foley, Ohio State Univ, Colum-
bus; to 14ND.

1st Commanders

Allen A Bergner, USS Diomed; to USS
Pomod.

Louis P Gray, 3d, SubPac; to USS Tiru.
James H Downs, FasRon 103; to NAS, Pa-
tuxent Riv.

Owen L Duffy, USS Corry; to 9ND.

Albert P Hilar, NavOps; to Off of Ass
USNavAttache for Research, London.

William J McKenna, NavSupDepot, Clear-
field, Ogden; to USS Toledo.

Frederick G Robinson, NavScol Pre-Flight,
Pensacola; to Fair Guam.

Pierre N Sands, Office of NavInsp of Ord,
Rochester; to BuAer.

Howard J. Stewart (SC), USS Bayfield; to
CharlestonNavShipyd.

James T Alexander, Jr, CruLant; to Phib
Gru 4.

John R Arnzen (SC), NavSupDepot, New-
port; to NavOps.

Ira K Blough, Jr, NAS, Coco Solo; to Bu
Aer.

George F Britner, Jr, USS Fargo; to Cru
Lant.

John V Cassidy (SC), USS Macon; to Phila
NavShipyd.

Harold H. Hockett, NavCommSta, Chelten-
ham; to NavCommSta, Wash, DC.

John D Keen (SC), NAS, Norfolk; to NAS,
Memphis.

Francis O McDonald, FitTraCen, Pearl
Harbor; to BuPers.

Anne King (W), Hydrographic Office, Silt-
land; to Office of MSTSRep, Europe, Heidel-
berg.

Robert W Koberg, PatRon 62; to AirLant.

Francis A Lewis, USS Douglas H Fox; to
InspInst, NavRes, Cumberland.

Charles J Nash, NAB, 13ND; to MSTS,
Port Office, Kodiak.

Thomas J Sikes (SC), USS Adirondack; to
NavSupCen, Pearl Harbor.

Paul L Vissat, USS Ronquill; to 9ND.

Robert C Payne, NavScol (GenLine), Mon-
terey; to MATS, Wash, DC.

Arnold G Plemons, USS Pomod; to USS
Carp.

David E Rogers (CEC), NAS, Memphis; to
5ND.

Richard M Jones (SC), Yards and Docks
SupDepot, Pearl Harbor; to GenStoresSup
Office, Phila.

Mario E McDonnell (W), NavAirTraComd,
Pensacola; to NavOps.

Bascome K Osborne, NorfolkNavShipyd,
Portsmouth, Va; to ServLant.

Harvey J Smith, Jr, USS Greenfish; to
USS Calman.

Lieutenants

Walter B Ronan, USS Bordelon; to USS
Foss.

Gerald H Sargent (ChC), USS Pine Island;
to MSTS, Pacific, San Fran.

James I Shelton, USS Pine Island; to Nav
WeaCen, 12ND.

Orpheus L Switzer, USS Rendova; to Nav
DamControlTraCen, Treas Isl, San Fran.

Robert E Bazinet, AirTransRon 2; to Dist
PubInfoOffice, 11ND.

Ralph M Bishop (DC), USS Leyte; to USS
Taconic.

John W Blanton, USS Fargo; to NavOps.

Charles R Barron, FairWing 5; to Phib
Gru 1.

Robert E Bazinet, AirTransRon 2; to 13ND.

Louis E Blechlin, USS AFDM 5; to USS
Hector.

George M Brown, USS Mattabesett; to
Branch HydroOff, Buffalo.

Frank W Cleary (MC), USS General H W
Butner; to NavHosp, Oakland.

Mary E Coker (NC), NavHosp, Key West;
to NavHosp, Bethesda.

Thomas L Costello, Beachmaster Unit 2;
to NavSub-Board of Insp and Survey, New
York.

Earle G Dalbey (SC), USS Mindoro; to
AviaSupOffice, Phila.

Claude L Dickerson, NAF, Glynco, Bruns-
wick; to FairWing 5.

Harry P Brown, DevRon 1; to NavSta, Key
West.

Andre J Carrillo, Jr, NavBarracks, NOB,
Marianas; to 12ND tempduty pend assign.

John J Cassidy, USS James M Gillis; to

SND tempduty pend assign.

William B Chamberlin, NAS, Agana, Guam;
to NavAirBasicTraComd, Pensacola.

Anne Check (NC), AirTransRon 8; to Air
TransRon 1.

Ralph J Cross, InspInst NavRes, Mil-
waukee; to USS Ashtabula.

Leo C Curtis, USS Corduba; to USS Nes-
pelen.

Thomas W Dixon, FitTraCen, Pearl Har-
bor; to HawaiianSeaFron.

Orben E Ellis, USS Warrick; to NavDam
ControlTraCen, Treas Isl, San Fran.

Joseph J Erdman, NAS, Quonset Point,
tempduty pend assign; to PhibTraUnit, Lit-
tle Creek.

Jane H Farr (NC), NavHosp, Portsmouth,
Va; to NavHosp, Jacksonville.

Carl V Hall, FitActivities, Yokosuka; to
NavSta, Tacoma.

Traver R Hamilton (DC), FasRon 8; to
USS Worcester.

Fred T Hanks, NavAirBasicTraComd, Pen-
sacola; to NavCommSta, SND Hdqrs,
Charleston.

Walt C Heck, 4ND; to USS Klowa.

Malvin H Hill, NAS, Lakehurst; to Nav
Base, New York.

Alta M Howren (NC), NavHosp, Beaufort;
to NavHosp, Portsmouth, Va.

Dominic J Ioli, MSTS, Wash, DC temp
duty; to Office of MSTSRep, Europe, Heidel-
berg.

Bernard P Johnson, USS Oglethorpe; to
SubGru 3, SanDiegoGru, PacResFlt.

Richard V Leonard, NavResSta, Treas Isl,
San Fran; to USS Diphda.

Adrian V Lorentson, USS Foss; to USS
Requisite.

Thomas J Murphy, CruisTraComd, Great
Lakes; to USS Uvalde.

James W Dowell, USS Rendova; to COC
TeamTraCen, Point Loma, San Diego.

Kirk S Dunwoody, Fair Alameda; to Nav
CommSta, 12ND Hdqrs, San Fran.

Robert E Felten, NAAS, Whiting Field,
Milton; to HelicopterRon 2.

Louis E Flynn, NAS, Memphis; to Nav
CommSta, 9ND Hdqrs, Great Lakes.

Martin J Gorham, USS Grand Canyon; to
MSTS, Atlantic, Brooklyn.

Donald L Hand, NavAirMaterialCen, Phila-
delphia; to USS Arneb.

Harvey E Hanson (SC), NavSupDepot,
Bayonne; to USS Hyades.

Frederick G Hewitt, Office of NavInsp of
Ord, Rochester; to NavPhotographicCen,
Anacostia.

Frank Katona, DevRon 3; to NAS, Quon-
set Point.

John D Kraft, 11ND tempduty; to Puget
SoundNavShipyd, Bremerton.

Arthur Mockenhaupt, USS Pollux; to Nav
OrdPlant, Pocatello.

William J Schleis, NAAS, Saufley Field;
to NavCommSta, 12ND Hdqrs, Phila.

Cletis D Sims, Staff, CinCPacFlt; to USS
APL 27.

Austin B Smith, USS Siboney; to Escort
Ron 2.

James G Arthur, 9ND; to USS Coral Sea.

Lewis G Baker (MSC), NavHosp, Oakland;
to SanFranciscoNavShipyd.

Silas M Blakely, USS Springfield; to USS
Okanogan.

Robert G Boylan, SubGru 3, NorfolkGru,
LantResFlt; to USS Kearsarge.

Daniel P Brooks, SubDiv 12; to SubDiv 12.

George H Davidson, NAAS, Cecil Field,
Jacksonville; to SubGru 1, FlaGru, Lant
ResFlt.

John W Downing, DevRon 2; to NAS,
Pensacola.

Peter A Duffy, USS Piedmont; to Cruis
TraComd, San Diego.

Eddy L Harris (NC), USS Thomas Jeffer-
son; to NavHosp, Oakland.

Eugene R Fancher, NAAS, Saufley Field,
Pensacola; to SubGru 2, FlaGru, LantResFlt.

Orion A Hammatt, USS Chara; to FitSonar
Soc, San Diego.

William F Harris, USS Block Island; to
USS Nespelen.

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Close Service Hospitals

Secretary of Defense Louis Johnson on Wednesday directed the closing by 30 June 1950 of four Army General Hospitals and two Naval Hospitals and the change of status of 12 other military hospitals and medical facilities in continental United States.

This sweeping order will reduce the number of staffed hospital beds by about 8,000, and achieve an annual saving of approximately \$25 million. It will also make 400 medical officers available for reassignment, partially alleviating the present serious shortage of physicians in the Services.

The reduction ordered will be accomplished gradually over a period of five months, so as not to interfere with the medical care of any patient. However, no patients, except for emergency treatment, will be admitted after 15 Feb. to any of the hospitals to be inactivated.

Some of the facilities to be closed are adaptable for the needs of Veterans Administration patients, and Dr. Richard L. Meiling, Director of Medical Services for the Department of Defense, will confer with that agency and with the Bureau of the Budget on the overall aspects of the continued care of veterans in military hospitals.

Secretary Johnson pointed out that wherever a change is made under the new order there are facilities for the medical care of military personnel and their dependents. This care will be provided by more effective joint utilization of remaining medical hospitals and dispensaries.

The Secretary also emphasized that his action is only the first phase of his program of more economical utilization of medical facilities. He said that he anticipates that "substantial additional savings can be made as we analyze many of the smaller medical installations throughout the three military departments."

Army General Hospitals to be closed by the Secretary's order are Murphy General Hospital, Waltham, Mass.; Valley Forge General Hospital, Phoenixville, Pa.; Oliver General Hospital, Augusta, Ga.; and Percy Jones General Hospital, Battle Creek, Mich. In addition the hospital at Camp Gordon, Augusta, Ga., will be phased out with the previously announced closing of that camp.

The closing of the Valley Forge General Hospital comes as a distinct surprise. On 6 Oct. 1949, less than three months ago, issued a statement of Maj. Gen. Raymond W. Bliss, Army Surgeon General, announcing that this installation would be retained permanently as an Army General Hospital, and declaring that reports that the Army contemplated closing it were incorrect. Recently the construction of 100 sets of quarters for personnel on duty at this hospital was approved under the Wherry Act.

As a result of the closing of Murphy General Hospital at Waltham, Mass., and of Percy Jones General Hospital at Battle Creek, Mich., allocations of hospital beds will be made to the station hospitals at Fort Devens and Camp Custer.

Initial and subsequent reductions will bring the number of beds maintained at Beaumont General Hospital, El Paso, and at Madigan General Hospital, Fort Lewis, Wash., down to 500 at each installation. This will be accomplished largely through the reallocation of neuro-psychiatric patients now treated at these two hospitals. The station hospital at Fort Monroe, Va., will be reduced to a dispensary.

Navy hospitals to be closed are those at Long Beach and Mare Island, Calif. The medical facility at the Mare Island Shipyard will be allocated an operating capacity of 50 beds because of the closing of the hospital at that point. The capacity of the naval hospital at Portsmouth, N. H., will be reduced to 35 beds. Material reductions will also be made at the navy hospitals at Jacksonville, Fla., Memphis, Tenn., and Corpus Christi, Texas.

Air Force hospitals at San Antonio, Texas, and Denver, Colo., will be reduced to dispensaries.

The changes in status of medical installations under the new order are as follows:

Army

Murphy General Hospital, Waltham, Mass.:
1. To be inactivated and closed.
2. To have an operating bed allocation of 200 beds.

Valley Forge General Hospital, Phoenix-

U. S. COAST GUARD

FEBRUARY will see selection boards convened at Coast Guard Headquarters to consider commissioning officers for temporary promotions to the ranks of lieutenant (jg) through captain.

The first board will meet 7 Feb. to review the records of officers previously passed over for promotion.

On 14 Feb., a board to select captains will review the records of officers from Capt. Wilbur C. Hogan through Comdr. George H. Miller.

That same day, another board will meet to select commanders, with the eligibles extending from Comdr. William J. Conley through Lt. Comdr. Benjamin D. Shoemaker.

Three boards will meet on 21 Feb. as follows: Lieutenant commanders—from Lt. Comdr. Bernard R. Henry through Lt. Roy M. Hutchins, jr.; Lieutenants—from Lt. Donald J. P. Evans through Lt. (jg) Robert J. Mackie; and Lieutenants (jg) from Lt. (jg) Robert E. Ogin through Ens. Maurice D. Bowers.

The foregoing lists, officials said, are all inclusive with the exception that reserve officers and those officers whose permanent status is below ensign will not be considered for permanent promotions by these boards.

Temporary Appointments

The following enlisted personnel have been appointed to the warrant grades indicated for temporary service effective 1 Feb., to rank in the order listed effective that date:

Paul J. Borsky, Carp.
Edgar W. Thomas, Bosn.
Timothy P. Callahan, Jr., Bosn.
Stanley J. Salabov, Bosn.
Joseph P. Dillard, Bosn.
Able F. Snow, Bosn.
David D. McCormick, Bosn.
Sterling Fulcher, Bosn.
Byron A. Barr, Bosn.
Emery C. Milligan, Bosn.
Marion O. Hulbert, Bosn.
William E. White, Jr., Mach.
Raymond L. Barnett, PCik.
Richard R. Hoover, PCik.
Lester E. Nestle, Mach.
Eugene C. Colson, Mach.

Appointment Declinations

The following officers, presently commissioned warrant officers for temporary service, will revert to chief petty officer status effective 1 Feb. 1950 due to declination of permanent commissioned warrant appointment:

Name From To
Felix J. Molenda, CBosn, QMC.
Joseph J. Glover, CBosn, BMC.
Jacob F. Horels, CMach, MMC.
Virgil C. Williams, CSCik, YNC.
Louis B. Barber, CMach, EMC.

Cadet Applicants

Practically all applications for the Academy entrance examination to be held on 20-21 Feb. have been received—a total of 1815, which is 366 more than were received last year.

ORDERS

Lieutenant

Nathan L. Fendig, 3CGDO to Academy (furas).

Lieutenants (jg)

Leland C. Batdorf, Woodrush to 9CGDO (oc).
Edward P. Boyle, 3CGDO to Academy (furas).

Verne D. Flinks, Spar to Eastern Area Office.

Roland J. Frappier (R), 3CGDO to Academy (furas).

Kenneth B. Hofstra (R), 1CGDO to Academy (furas).

Leonard J. Knight, designated EO, Mackinac.

Arthur E. Lawrence, Jr. (R), 3CGDO to

ville, Pa.:

To be inactivated and closed.
Oliver General Hospital, Augusta, Ga.:
To be inactivated and closed.

Camp Gordon, Augusta, Ga.:
To have an operating bed allocation of 200 beds to be phased out with the inactivation of this Army installation.

Percy Jones General Hospital, Battle Creek, Mich.:

To be inactivated and closed.

Camp Custer, Battle Creek, Mich.:

To have an operating bed allocation for a medical facility of 100 beds.

Beaumont General Hospital, Fort Bliss, El Paso, Texas:

To be reduced initially to a bed allocation of 700 beds, and as rapidly as the NP patients

can be reallocated, this facility shall be reduced to an operating bed allocation of 500.

Madigan General Hospital, Fort Lewis, Wash.:

This medical facility will be reduced to an operating bed allocation of 350 beds initially

Academy (furas).

John M. Lydon, Base, Sand Isl., Honolulu, T. H. to Buttonwood.

John F. Mundy, Jr. (R), 3CGDO to Academy (furas).

John E. V. Murray, Northwind to Cahoone.

Ralph R. Pruitt (R), 1CGDO to Academy (furas).

Joseph C. Runquist, Buttonwood to Base, Sand Isl., Honolulu, T. H.

Robert R. Scarborough (R), 3CGDO to Academy (furas).

Herbert H. Sharpe, Jr., Cook Inlet to Cowell.

Sydney M. Shuman (R), 1CGDO to Academy (furas).

Thomas L. Wakefield (R), 3CGDO to Academy (furas).

William E. West, Jr. (R), 5CGDO to Academy (furas).

Edward O. Wille (R), 1CGDO to Academy (furas).

Robert E. Wolfard (R), 2CGDO to Academy (furas).

Ensigns

Milo A. Jordan, Unaiga to Base, Seattle, Wash.

Herbert E. Lindemann, Bibb to Spar.

Warrant Officers

CBosn Robert Chivas, Marine Inspec. Norfolk, Va. to LS-91 (CO).

CMach Jesse M. Jenkins, Jr., designated EO, Madrona.

Bosn Lauren L. Croy, Coos Bay LBSa. to Sweetbrier.

Bosn John T. Hevey, Oak to Mariposa, cancelled.

Bosn Parker R. Johnson, Jonquil to Conifer.

Gun Tully W. Spence, 1CGDO to SupDep. Jersey City, N. J.

Retirements

Retirements as listed below have been approved, effective 1 Feb.:

For 30 Years Service

Harry F. Bradley, LCDR.

Samuel Krauss, CBosn.

Jens B. Krestensen, LCDR.

Jacob Levin, CPCik.

Carleton V. Legg, LCDR.

Carl McNulty, CBosn.

Bryan Spencer, CBosn.

Viktor Svensson, CBosn.

For 20 Years Service (Enlisted)

Jake H. Akers, Lt.

Guy E. Barron, BMC.

Louis H. Bauhof, LCDR.

William M. Blake, Jr., QMC.

Charles W. Cox, Bosn.

Chester P. Claudino, Lt.

George Cronick, YNC.

Charles A. Downs, CBosn.

Joseph T. Echols, SKC.

Harry S. Farmer, BMC.

John T. Freeman, Lt.

Clarence L. Hilliard, RELE.

Matthew E. Howells, EMC.

George A. Jack, EMC.

Albert W. Johnson, CBosn.

Eliot L. Johnson, RMC.

Alvin G. Lane, Lt.

Frank J. Lawson, MMC.

Earl W. Lee, CMach.

John Martin, Lt.

Robert D. McNabb, ENC.

Daniel H. Miner, Lt.

John A. Saylor, ENC.

Harry E. Stuart, YNC.

Samuel Swift, YNC.

Ray Tucker, RMC.

Harold C. Waters, Lt.

Charles L. Worth, MMC.

Reversions

On 17 Jan., the President authorized the reversions of the following officers from the grade of lieutenant (jg) for temporary service to their permanent grades of chief boatswain in order that they may benefit by the higher pay received in Pay Grade W-3.

Name To Take Precedence Next

After

Fred Edgecomb CBosn Oliver Pickford

Aubrey Rogers CGun Hiram B. Rodman

and shall be further reduced to 500 operating beds as rapidly as the NP patients in this medical facility can be phased out.

Fort Monroe Station Hospital, Va.:

To be reduced to Dispensary status.

(Army Area Hospitals (Station Hospitals) not cited above will, by the beginning of fiscal year 1951, show a reduction of 800 operating bed allocations.)

Navy

Portsmouth Naval Hospital, N. H.:

To be reduced to a bed allocation of 35 beds.

Jacksonville Naval Hospital, Fla.:

To be reduced to a bed allocation of 180 beds.

Memphis Naval Hospital, Tenn.:

To be reduced to an operating allocation of 150 beds.

Corpus Christi Naval Hospital, Tex.:

To be reduced to an operating bed allocation of 100 beds.

Mare Island Naval Hospital, Calif.:

The medical facility at Naval Shipyard

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U. S. Submarine Operations

(*"United States Submarine Operations in World War II," published by the U. S. Naval Institute, Annapolis, Md., by Theodore Roscoe from material prepared by Naval officers, \$10.*)

AS world-wide naval developments continue to focus increasing attention on the role of the submarine and as the U. S. Navy devotes more and more of its precious budget dollars to offensive and defensive undersea warfare, the first complete story of U. S. submarine operations in World War II was published this week by the U. S. Naval Institute.

With a foreword by Fleet Admiral Chester W. Nimitz, a submariner himself, *United States Submarine Operations in World War II* was written for the Bureau of Naval Personnel from material prepared by the late Rear Adm. R. G. Voge, USN, Capt. W. J. Holmes, USN-Ret., Comdr. W. H. Hazzard, USN, Lt. Comdr. D. S. Graham, USN, and Lt. H. J. Keuhn, USN. Responsible for the striking design and illustration of the mammoth and authoritative volume is Lt. Comdr. Fred Freeman, USN. Many of the dramatic illustrative photographs were taken by the famous Steichen Photographic Unit, under the direction of the renowned Capt. Edward Steichen, USNR.

The primary purpose of this book, its preface relates, "is to serve as an informative, instructive and inspirational test for those in the Naval Service who are interested directly or indirectly in submarines." In this regard, its supply to bookstores was delayed until this time because the entire first printing was purchased from the Institute by the Navy. The size of the book, and its profusion of photographs, charts and colored inserts made publication a huge task—almost a month being required to complete the binding process alone.

Aside from its value as a training aid, this important report on wartime submarine operations provides exciting and illuminating reading for all military personnel and for laymen who are interested in the ships and men who served so valiantly.

Now at last, to the extent that security permits, the cloak of silence has been broken and the story of how the war was fought under the sea has been added to previously published reports of Navy surface actions, and to the story of the war on land and in the air.

For the officers and men aboard the 52 U. S. Navy submarines lost during the war, *United States Submarine Operations in World War II* will stand as a glorious memorial. To a public which seeks to know more fully the story of the war and thereby to gain a new insight into present defense developments, this volume constitutes one of the outstanding postwar reports.

First Iceland Reunion

Members of the Armed Forces will gather from all over the United States in the first reunion of the Iceland Base Command, to be held 3, 4 and 5 March at the Commodore Hotel, New York City.

Maj. Gen. William S. Key, USA-Ret., will be the main speaker at a banquet on 4 March which is being held at Toots Shor's Restaurant. Another listed speaker is Col. Early E. W. Duncan, of the Pentagon Building, Washington, D. C.

All members who were in Iceland, and who are interested in attending should contact the Chairman of the Committee for details which are contained in the current issue of the Junior "White Falcon." The chairman is David Zinkoff, 5211 Girard Avenue, Philadelphia 31, Penna.

Mare Island, to be allocated an operating bed capacity of 50 beds, incident to the closure of the Mare Island Naval Hospital.

Long Beach Naval Hospital, Calif.:

To be inactivated and closed.

(Other Naval medical facilities within the continental United States not cited above will by the beginning of fiscal year 1951 show a reduction of 580 operating bed allocations.)

Air Force

Lackland Air Force Hospital, San Antonio, Texas:

To be reduced to Dispensary status.

Lowry Air Force Hospital, Denver, Colo.:

To be reduced to Dispensary status.

Weddings and Engagements

(Continued from Preceding Page)

the engagement of their daughter, Harriet Anne, to Mr. Earl Childers Reynolds, Jr., of Corvallis, Oreg., son of Mr. and Mrs. Earl Childers Reynolds of Boise, Idaho, formerly of Klamath Falls, Oreg.

Miss Andrew is a graduate of Stephens College, Columbia, Mo.

Mr. Reynolds served in the Navy for three years during World War II. He was graduated from Oregon State College and obtained his Master's Degree at Yale University. He is affiliated with Cornell, Howland, Hayes and Merryfield, Consultant Engineers, in Corvallis.

A Spring wedding is planned.

Mrs. Evelyn Householder Fisher, daughter of Mrs. Lillian Householder, Knoxville, Tenn., became the bride of Lt. Philip R. Fisher, USAF, in a simple ceremony 14 Jan. at Chatham AFB, Ga.

Chaplain (Maj.) Estes L. Lewis performed the ritual. As they left the chapel the couple passed under an arch of flags held by fellow officers of the 49th Bombardment Squadron, 2d Bombardment Group.

Lieutenant Fisher, son of Mrs. Charles M. Fisher, Miami, Fla., is a B-50 pilot with the squadron.

Capt. and Mrs. Paul L. F. Weaver, USN, of Norfolk, Va., have announced the engagement of their daughter, Marie Elise Teixeira de Mattos, to Group Captain John Heber-Percy, RAF, son of the late Mr. and the Honorable Mrs. A. W. Heber-Percy of Dorsetshire, England. Miss Teixeira de Mattos was graduated from Holton Arms School, Washington, D. C. Group Captain Heber-Percy, a graduate of the RAF College, Cranwell, is now stationed at the Joint Services Staff College in Chesham. The wedding will take place in London in April.

Lt. Col. and Mrs. Floyd W. Browning of the Presidio of San Francisco recently announced the engagement of their daughter, Joanne Louise, to Charles Curtiss Miller.

The bride-elect, who was graduated from San Francisco College for Women, is the great granddaughter of Jonathan Browning and the granddaughter of the late Mayor and Mrs. George Emmett Browning of Ogden, Utah. Her maternal grandmother is Mrs. Amy A. Garrison of Long Beach.

The prospective Mrs. Miller is a niece of Count and Countess Gian Luca Cicogna of New York and Milan, Comdr. and Mrs. Ralph S. Garrison of Long Beach, Dr. and Mrs. Angus Wright Petty and Mr. and Mrs. Roland S. Browning of Ogden.

Mr. Miller is the son of Mr. and Mrs. Charles A. Miller of Watsonville and recently returned from Army service in Korea. He is now enrolled at the University of San Francisco.

Colonel Browning is Transportation Officer for the Presidio of San Francisco.

Capt. Antoinette Ricci, daughter of Mr. and Mrs. Peter Ricci of Vineland, N. J., became the bride of Lt. Col. Leo Belton Smith, USAF, son of Mr. Grover Smith of Starkville, Miss., 18 Dec. at the Presbyterian Church, Port Kennedy, Pa.

Mrs. Paul Ricci was the bride's attendant. Serving as best man was Mr. Paul Ricci, brother of the bride.

Following a wedding trip to New York City, the newlyweds will reside at 287 Gibbs Ave., Newport, R. I.

Mrs. Smith is a former captain in the Army Nurse Corps. She served at the Station Hospital, Maxwell Air Force Base, Ala.

Lt. Col. and Mrs. Edward W. Sawyer, USA, announce the engagement of their daughter, Durand Bazire, to Mr. Charles Morris Marcus, son of Col. and Mrs.

Morris Marcus of Washington, D. C. Miss Sawyer attended Brownell Hall at Omaha, Nebr., and Iowa State College at Ames, Iowa.

Mr. Marcus spent two years with the Armed Services in Germany and upon his return attended the University of California at Los Angeles and the University of Maryland.

The wedding will take place in February at the Cadet Chapel at West Point, N. Y.

Miss Sawyer is the granddaughter of Maj. Charles I. Bazire, USA-Ret., and Mrs. Bazire of Falls Church, Va.

Lt. Col. and Mrs. Sawyer are living in Sherborn, Mass., while Colonel Sawyer is attending the Harvard Graduate School of Business Administration.

Mr. and Mrs. Charles Harmon Stanton of Wilmington, N. C., have announced the engagement of their daughter, Capt. Mary Emily Stanton, WAC, to Capt. Orville Lee Roy Parker, USA, son of Mrs. Elsie Parker, of Minneapolis, Minn., and the late Mr. O. L. Parker.

Captain Stanton graduated from the University of North Carolina and was a teacher in the public schools of that state until entering the Women's Army Corps in 1942. During the war she served at Headquarters, Fourth Service Command, Atlanta, Ga.

Captain Parker studied at the University of Minnesota until he entered the Service in 1942. He has served with the 7th U. S. Cavalry in the Pacific Theater.

Announcement of the engagement was made at a dinner in the Governors Island Officers Club on 24 Jan. The wedding will take place in April. Both the prospective bride and groom are attached to the Office of the Chief, New York Military District, 90 Church Street, New York City.

Mr. and Mrs. J. R. Sook of Newark, Ohio, announce the engagement of their daughter, Josephine F. Sook, to Mr. Dan Burrell Perkins, son of the late Col. and Mrs. Clell B. Perkins of Ft. Sam Houston, Tex., and Johnstown, Ohio.

Miss Sook, who is teaching music in the Johnstown school, was graduated from Granville High School and Denison University. She is a member of Delta Gamma sorority.

Mr. Perkins is a graduate of North High School in Columbus, Ohio, and attended Ohio State University. He is residing at his farm, "Dunrovin," near Johnstown. The wedding will be an event of June.

Mr. Perkins is the brother of Mrs. Gerald L. Roberson, wife of Lt. Col. G. L. Roberson, GSC, ('33), now in Germany, and of Lt. Thom J. Perkins, FA, ('47), now stationed in Japan.

The marriage of Lt. Col. Caroline C. Hageman, ANC-Ref., USA, to Col. Henry A. Bruce, ORC, took place 24 Dec. in Virginia.

The bride was retired from the Army Nurse Corps in 1947. After retirement she attended and graduated from the National Art School in Washington, D. C., receiving her diploma in fine arts. She also attended the Corcoran School of Art in the same city. Prior to entering the Service, she graduated from Saint Bernard's School for Nursing in Jonesboro, Ark. She is the daughter of the late John and Caroline Hageman of Stuttgart, Ark.

The groom is the son of the late John F. and Mary Bruce of Cleveland. He is a lawyer and was graduated from the Ohio Northern University Law School, and has offices in Washington and New York City. During the war he was the Inspector General of the 85th Infantry Division, with service in North Africa and Italy.

The couple will reside at 83-33 Austin Street, Kew Gardens, Long Island, New York.

First Lt. Lorene Smith, ANC, USA, daughter of Mr. and Mrs. D. F. Smith of Perkinston, Miss., became the bride of Capt. Tommie J. Mandina, USA, son of Mr. and Mrs. J. Mandina of Shreveport, La., in a ceremony performed in Camp Hood Chapel, Tex., 27 Jan. The wedding was conducted by Chaplain William A. Zlogar.

The bride wore a white gown with a train and short veil, and carried a bouquet of white gardenias. The chapel was decorated with gladioli. The groom was attired in full dress uniform.

First Lt. Betty L. Smith, ANC, attended

the bride as matron of honor and Maj. Wilbur C. Koenig served the groom as best man.

The bride is a graduate of the Methodist Hospital School for Nurses, Hattiesburg, Miss., and was commissioned in the Army Nurse Corps in 1942. Since then she has served two years in the European theater with the 279th Station hospital in Berlin and is currently serving at the Camp Hood Station hospital.

The groom entered and was commissioned in the Army in 1941. During the war he served four years in the Pacific with Headquarters U. S. Army Service of Supply. He is now assigned as assistant to the Adjutant General, Headquarters 2d Armored Division.

The couple will be at home at 607 Harbor Ave., Killean, Texas.

A wedding of the Christmas holiday season was that of Miss Helen Frances Goodwin, daughter of Maj. Charles A. E. Goodwin, USAF, and Mrs. Goodwin, and Sgt. Emile A. Delcomyn, jr., USAF, on 29 Dec. at Our Lady of Prompt Succor Church in Alexandria, La.

In the absence of her father, who is now in Okinawa, the bride was given in marriage by her brother, Lt. Charles J. Goodwin, USAF, of Scott AFB, Ill. She wore a gown of ivory satin and Chantilly lace, the bodice of which was fashioned with a sweetheart neckline, the full skirt forming a short train. Her fingertip veil of illusion was held with a tiara of seed pearls, and she carried a bouquet of white carnations centered with an orchid.

The matron of honor was Mrs. O. C. Maudlin. The maid of honor was Miss Lou Smith, and the bridesmaid was Miss June Delcomyn, sister of the groom. The junior bridesmaids were the Misses Dorothy Jean Goodwin, sister of the bride, and Gratia Anita Priest.

Mr. Lucien Grass served as best man.

After 10 Jan. the couple will be at home at Lubbock, Tex., where Sgt. Delcomyn is stationed at Reese AFB.

New C.O. At McAndrew AFB

Col. Edward P. Kern, former commanding officer of Mingan AFB, Canada, has assumed command of McAndrew AFB, Newfoundland. Colonel Kern replaced Col. T. J. Schofield who is attending the Air University, Maxwell AFB, Ala.

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POSTS AND STATIONS

■ **CHANUTE AFB, ILL.** Brig. Gen. Byron E. Gates, commanding general, flew to Maxwell AFB, Ala., 23 Jan., where he met Air Chief Marshal Sir Ralph A. Cochrane of the Royal Air Force. The Chief Marshal is touring Air Training Command bases and General Gates is accompanying him. Following inspection trips of Randolph, Perrin and Vance Air Force Bases in Texas the Royal Air Force Commander visited here where he inspected the technical training schools and was entertained informally at the home of General and Mrs. Gates and later at the Officers' Club.

■ **ST. THOMAS, VIRGIN ISLANDS.** A Bienvenida for Maj. and Mrs. Edward G. Halligan and a Bienvenida for recent arrivals at San Jose Project was held on 15 Jan. Major Halligan has departed for Panama to serve on the staff of the Commanding General, United States Army Forces, Caribbean.

Persons welcomed to San Jose Project at the Bienvenida are as follows: Maj. and Mrs. Harold F. Shartle and their daughter; Miss Ramona Gupton; Maj. Arnold C. Breuning; Capt. and Mrs. Alton K. Smith; Lt. and Mrs. Elmer C. Hensley; Mr. and Mrs. William E. Williams, and Mr. and Mrs. Donald Schiebel.

■ **LATHROP, CALIF.** The first meeting of the 1950 season of the Ladies Auxiliary Club, Sharpe General Depot, was held 16 Jan. Honorary President, Mrs. Donald S. McConaughy, was present at the meeting, presided over by Mrs. Albert Lane. Hostesses for the evening's entertainment which followed were: Mrs. Patrick W. Harrington, Mrs. Roger J. Lilly, Mrs. Joseph St. Onge and Mrs. Paul H. Nickel.

■ **OLIVER GENERAL HOSPITAL, GA.** Dr. David P. Barr, Professor of Medicine, Cornell University Medical College and Physician-in-Chief, New York Hospital, New York, N. Y., addressed the Professional Staff of Oliver General Hospital, last Thursday evening at the hospital's regular Monthly Staff Conference, his subject was "The Diagnosis and Management of Diseases of the Thyroid." Doctor Barr, was introduced by Col. Charles L. Leedham, MC, Chief of Medical Service.

■ **MONTEREY, CALIF.** Capt. Albert C. Perkins, USN, Head of Academic Departments at the Naval School, left 31 Jan. to assume new duty as Commanding Officer of the USS Curtis. The Curtis, a seaplane tender, is flagship of the First Task Fleet and is based at San Diego.

Captain Perkins, who reported to the General Line School two years ago, was head of the administrative command department until last September. He was then placed in charge of all the academic departments at the school.

■ **ARMY CHEMICAL CENTER, MD.** The "Whip" has changed hands. The unofficial emblem of authority at the Industrial Property Division was turned over to Maj. James Watson, new chief of the division, at a dinner party recently by Capt. Thomas D. Lloyd. The miniature blacksnake whip was presented to Captain Lloyd by his predecessor three and a half years ago.

■ **KOKURA, JAPAN** The Women's Club, composed of ladies of 24th Infantry Division units stationed on Northern Kyushu, held their annual election 10 Jan. After a delicious luncheon, orchids were presented to the following newly elected ladies by Mrs. William F. Dean and Mrs. Pearson Menoher, Honorary President and Vice President respectively: Mrs. James W. Snee, president; Mrs. James Bushnell, vice president; Mrs. John R. Pritchard, treasurer; Mrs. R. O. Sweet, secretary.

■ **FT. BRAGG, N. C.** Army Field Forces Board No. 1 officers and wives gave a formal dinner party 27 Jan. In the receiving line was the Board president, Col. Louis J. Compton and Mrs. Compton, Col. and Mrs. Stuart A. Beckley and a group of officers and their wives who have recently come to the Board.

Three dinner parties were given recently for Lt. Col. and Mrs. Harrison B. Harden who left 4 Feb. for Ft. Sill, Okla. On 24 Jan. Lt. Col. Richmond Gorle, of the British Army, and Mrs. Gorle entertained, having as their other guests Lt. Col. and Mrs. Hugh A. Mooley and Lt. Col. and Mrs. Sammie N. Homan. On 25 Jan., Lt. Col. and Mrs. Sammie N. Homan gave a dinner and on the 31st, Lt. Col. Robert Linton, of the British Army, and Mrs. Linton honored the Hardens with a dinner at home.

Practically blown into Ft. Bragg by the wintry winds and snow that have besieged the middle sections of our country lately were Lt. Comdr. and Mrs. Dorland H. Konichek and their sixteen year old son, Peter. Commander Konichek is assigned to the U. S. Coast and Geodetic Survey group on A. F. F. Board No. 1.

■ **MURPHY GENERAL HOSPITAL, MASS.** Elected to the Board of Governors of the Officers' Club for 1950 are Lt. Col. Charles W. Hoffman, MC; Maj. Ethel W. Middle-

ton, MSC (WAC); Maj. Mary F. Mors, ANC; Capt. Raymond E. Stone, MC, and WOJG Peter A. Parkison, USA.

■ **FT. MONMOUTH, N. J.** Maj. Gen. Francis N. Lanahan, Jr., Commanding General was presented with the First Army Athletic Participation Award last week by Lt. Gen. Walter B. Smith, First Army Commanding General. The ceremony was held in General Smith's office at Governors Island, New York.

Fort Monmouth won the 1949 award by winning eight of the 14 championship tournaments with 2916 points. By virtue of winning the award for the third consecutive year, Fort Monmouth has the right to keep the trophy permanently. But after accepting the silver loving cup on behalf of the Fort Monmouth athletes, General Lanahan announced they would relinquish possession of the trophy and make it available in this year's competition.

■ **SEATTLE PORT OF EMBARKATION.** Appointed as Chief, Intelligence and Security Division, Seattle Port of Embarkation, was Maj. Roland D. Graves, who previously was Executive Officer, Port Supply & Facilities Division. He replaces Lt. Col. Erquiel Taylor, who has been assigned as Intelligence Officer, Seattle Port of Embarkation Provisional Battalion at Fort Lawton.

■ **CLEARWATER, FLA.** The retired officers of the Army, Navy, Air Force and Marine Corps held their annual dinner at the Caravel Yacht Club 20 Jan., when 125 guests were present. General G. R. Estes, president, welcomed the guests and introduced those responsible for the delightful affair—Mrs. Marion Maddox, secretary of the Ladies' Organization, Mrs. Paul Freeman and Mrs. John Watts, who had charge of the decorations, and Maj. Hal Morrison, who with his co-workers, General Gould, Colonel Oliver and Commander Smith made all dinner arrangements.

Guests included General and Mrs. G. H. Estes, Admiral and Mrs. Gaylord Church, General and Mrs. Edwin Butcher, General and Mrs. M. J. Gould, General and Mrs. A. N. Stark, Col. and Mrs. Lloyd Barnett of Tampa, Col. and Mrs. Pal Freeman, Col. and Mrs. Charles Lloyd, Col. and Mrs. E. M. Sanford, Col. and Mrs. Edward Oliver, Col. and Mrs. A. T. Smith, Col. and Mrs. C. W. Weeks, of Dade City, Col. and Mrs. John Silkman, Col. and Mrs. R. J. West, Col. and Mrs. H. D. Woolley, Col. and Mrs. C. E. Coates, Col. and Mrs. Claude Collins, Col. and Mrs. J. G. Kellogg, Col. and Mrs. Maurice Condon, Maj. and Mrs. Hal T. Morrison, Maj. and Mrs. L. E. Rohrer, Capt. and Mrs. R. Veiz, Capt. and Mrs. J. Tague, Capt. and Mrs. A. B. Smith, Col. and Mrs. Joseph Schmidt, Mrs. Henry Morrow, Mrs. Marie Johnston, Mrs. H. M. Metz, Mrs. Henry Gray, Mr. E. W. Stribling, Mrs. John Watts, Mrs. Harriet Hartman, Mrs. Robert Perry, Capt. B. F. Fogg, Judge and Mrs. Jack White, Mr. and Mrs. J. K. Sterling, Col. and Mrs. C. F. von dem Bussche, Miss Teresa Coates, Mrs. Edith Narum, Mr. and Mrs. B. H. Harris, Mr. and Mrs. J. C. Hardy, Comdr. and Mrs. M. B. Johnson, Mrs. William Craig, Mrs. Marion Maddox, Mrs. John Herrick, Mrs. LeVerne Wood, Miss Betty Silkman, Comdr. and Mrs. E. H. Smith, Mrs. George Compton, Mrs. Peg Wood and Comdr. and Mrs. Barton Lewis.

■ **EGLIN AFB, FLA.** Maj. Gen. William E. Kepner, Commanding General of the Air Proving Ground, and Brig. Gen. Dale V. Gaffney, Deputy Commanding General, were hosts to Rear Adm. L. R. Harrison and L. M. Grant, Naval officials from the Bureau of Aeronautics, at a dinner-cocktail party 23 Jan. The Admirals and their party arrived Monday afternoon for a brief two-day tour and indoctrination of this Air Proving Ground Headquarters base.

Guests at the reception included two Naval officials from Pensacola Naval Air Station, Capt. John L. Ewing, USN, Officer in Charge of the Overhaul and Repair Department, and Capt. Dale Harris, USN, Chief of Staff to Chief of Naval Air Training. Officers from this base attending the function were: Col. M. C. Woodbury, Base Commander; Col. K. K. Compton, Deputy for Operations; Col. Guy H. Rockey, Assistant Deputy for Operations; Col. H. S. Williams, Commanding Officer of the 3200 Proof Test Group; Col. O. A. Heinlein, Chief of the 3200 Climatic and Arctic Test Division; Lt. Col. T. C. Conroy, Assistant Deputy for Operations for Testing; Lt. Col. J. T. Bull, Public Information Officer; Maj. James K. Dill, USMC, Naval Liaison Officer; Maj. John C. Peck, Deputy for Operations, Chief of Electronics Branch; Maj. Chester J. Butcher, Deputy for Operations, Aircraft Branch; Maj. Eugene J. Crahen, 3200 Proof Test Group Test Officer; and Maj. A. C. Field, Alde-de-Camp to General Kepner.

■ **VANCE AFB, OKLA.** Mrs. Tom W. Scott, wife of the commanding officer at this advanced multi-engine training station was elected president of the Officers' Women's Club at a recent election meeting. Chosen to serve with Mrs. Scott were Mrs. Leland T. Rogers, wife of the wing executive officer, vice-president; Mrs. John Blumenstock, secretary; and Mrs. W. A. Miller, treasurer. Major Blumenstock is operations officer of the pilot training squadron, and Major Miller is south stage commander.

New officers also have been elected by the NCO Womans Club. President is Mrs. Frank Guild, while Mrs. C. J. Miller was named vice-president. Mrs. W. J. Sparks is the new treasurer. Mrs. E. O. Maynard is reporter, and Mrs. Charles Tillman, historian.

■ **FORT EUSTIS, VA.** A new, intricate training aid is now utilized at the Transportation School in explaining various transportation problems to students from throughout the Army who are attending the various courses at the school. The latest addition to the School's Training Aids Branch at Fort Eustis is a model of Tempelhoff Airport, embracing the Transportation Corps' support phase during the famous "Operation Vittles." The entire working model, in one major piece, was recently forwarded to Fort Eustis by the Transportation Branch, Berlin Military Post, U. S. Army.

■ **LOWRY AFB, COLO.** Michele Lea Gagliardi, daughter of M/Sgt. and Mrs. Franklin Gagliardi of 1910th Airways and Air Communications Service, was baptized 19 Jan. by Chaplain Bernard M. Delos. Anton Elde, son of Sgt. and Mrs. Laurence Elde, 19th Weather Squadron, was baptized the same day with Chaplain John R. Maguire officiating.

Chapel No. 1 was the scene of a joint baptismal rite on 22 Jan. which was conducted by Chaplain Gerritt E. Mow. Marie Elizabeth Stewart, daughter of S/Sgt. and Mrs. Earl S. Stewart of 3415th Air Police Squadron, and James David Sorenson, son of Sgt. and Mrs. Melvin J. Sorenson of 3425th Training Squadron (Instructor), received the joint ceremony.

■ **USARPAC.** Capt. Fred N. Gardner, Deputy Troop Information and Education Officer, Headquarters, U. S. Army, Pacific, has been ordered to report to Camp Lee, Va., where he will be assigned to the Staff and Faculty, Quartermaster Center.

■ **FT. BENNING, GA.** The Far East Command ladies held their monthly luncheon on 20 Jan. with Mrs. L. D. Shaw and Mrs. E. O. Shaw as hostesses.

Lt. Col. and Mrs. William R. Moore gave a farewell dinner at their quarters 21 Jan. in honor of Lt. Col. and Mrs. Joseph Raney, who are leaving the post.

The guest list included Lt. Col. and Mrs. Joseph Raney, Lt. Col. and Mrs. R. M. Miner, Lt. Col. and Mrs. S. T. McDowell, Lt. Col. and Mrs. Fergus Ling and Mrs. Sarel, Mrs. Ling's mother, Lt. Col. and Mrs. R. M. Booth and Lt. Col. and Mrs. H. Peyton.

■ **CAMP CARSON, COLO.** The Post Engineer has released the figures on the destruction suffered in the recent fire at this Ground Forces Training Center. The total loss from totally destroyed buildings, their contents and from other sources totalled \$3,550,000.

Ninety-two numbered structures on the post were totally destroyed and 17 others were heavily damaged at a loss of \$1,920,000. The contents of the buildings destroyed or damaged were valued at \$1,500,000. Loss from other sources added \$130,000 to the total loss.

■ **KELLY AFB, TEX.** Mrs. Clements McMullen entertained recently with a luncheon honoring her mother, Mrs. Edward Lewis, and her aunt, Mrs. Harry Heffrin, both of Berkeley, Calif. Mrs. Lewis, who formerly lived in San Antonio where her husband, the late Maj. Gen. Lewis commanded the old Eighth Corps Area, and Mrs. Heffrin are now visiting Maj. Gen. and Mrs. McMullen.

Numerous other parties have complimented the visitors. Mrs. Terrance Lonan entertained with a luncheon Thursday at her quarters on Kelly Air Force Base, using spring flowers to decorate the table where eight guests were seated.

■ **PERCY JONES GENERAL HOSPITAL, MICH.** The regular monthly meeting of the Officers' Wives' Club was held 25 Jan. Approximately 60 members and guests met at 1:30 for luncheon followed by a business meeting. Mrs. Albert Montgomery, vice-president, presided at the meeting in the absence of the president, Mrs. George Powell. Following the business meeting, Mrs. Alice Sharratt, Policewoman on the Battle Creek police force, addressed the group on "Juvenile Delinquency," including some of her experiences during her years of service with the police force.

■ **SAN ANTONIO, TEX.** The officers and ladies of the General Depot Officers' Club gave a Despedida 21 Jan. for officers leaving for new stations in the near future. Honorees were Maj. and Mrs. Marshall J. Pujo, Maj. and Mrs. Samuel P. Bryant, Capt. and Mrs. Robert L. Gardner, Capt. and Mrs. John W. M. Richards and Lt. and Mrs. Clarence H. Kirkpatrick, Jr.

■ **McANDREW AFB, NFD.** M/Sgt. and Mrs. Harold H. Smith celebrated their ninth wedding anniversary 17 Jan. The sergeant is McAndrew's base sergeant-major.

Guests present were M/Sgt. and Mrs. Joseph Brach, T/Sgt. and Mrs. Austin Petton, M/Sgt. and Mrs. Al Lofchie, M/Sgt. and Mrs. John Powers, S/Sgt. and Mrs. James E. Mills, T/Sgt. and Mrs. Thad Yeargin, T/Sgt. and Mrs. William Davis, T/Sgt. and Mrs. Herbert Montena, T/Sgt. and Mrs. John Rider, T/Sgt.

Ralph Young, Mrs. Ralph Pearlstein, Mrs. Mary Hogan, Mrs. James R. Smith and Mr. George White.

■ **FORT DIX, N. J.** 39th Infantry Regiment Officers' wives held their bi-monthly Bridge & Luncheon Party 26 Jan. Arrangements for the affair were made by Mrs. Evelyn Miller, wife of Lt. Col. Gerald G. Miller, Executive Officer of the Regiment, and Mrs. Blossom Jobe, wife of Maj. Leo Jobe. Those attending were: Mrs. Gerald Miller, Mrs. James Sergio, Mrs. Paul R. Cinq-mars, Mrs. Robert St. Onge, Mrs. Nelson I. Fook, Mrs. William G. Roberts, Mrs. Clark W. Trainer, Mrs. James R. Duncan, Mrs. Richard W. Secor, Mrs. Ray E. Jones, Mrs. Sigurd Olson, Mrs. Howard R. Dunham, Mrs. William S. Larkin, and Mrs. Ben E. Estes.

Also present were: Mrs. Omar J. Hitchner, Mrs. Norman L. Martin, Mrs. Francis E. Davis, Mrs. Frazier M. Conway, Mrs. Frank Garner, Mrs. Arnold Eschenbacher, Mrs. Edward F. Spros, Mrs. Donald K. Polofka, Mrs. Loyd R. Cain, Mrs. Edward K. Fischley, Mrs. Horst K. Joost, Mrs. Walter R. Settle, Mrs. Duncan H. Monroe, and Mrs. Sanford H. Winston.

■ **CAMP HOLABIRD, MD.** A contribution of \$2,137 has been forwarded to Maj. K. S. Vandergrift at Fort George G. Meade, Second Army Representative for the National Foundation of Infantile Paralysis, Inc. The amount is almost three times that collected last year.

■ **KOBE BASE, JAPAN.** New officers of the Officers' Wives' Club were elected at a recent luncheon meeting. Mrs. W. A. Collier was elected president and will serve for the next six months. Other newly elected officers include: Mesdames A. B. Trammell, vice-president; H. P. Anderson, secretary; P. E. Gruber, treasurer. Members of the board of governors are: Mesdames E. H. Sheridan, Shioya representative; E. W. Sullivan, Rokko; P. H. Jacobs, Mikage; E. W. Vall, Ashiya; and C. W. Boyd, Pinecrest.

■ **BROOKE MEDICAL CENTER, TEX.** Maj. E. J. Pulaiki, chief of the Surgical Research Unit of Brooke General Hospital and Col. Sam F. Seely, for three years chief of Surgical Service of Brooke General Hospital, and now of Walter Reed General Hospital, Washington, D. C., addressed the fourteenth annual meeting of the International Post-graduate Medical Assembly of Southwest Texas, held in San Antonio, Texas, last week.

■ **CHERRY POINT, N. C.** Roaring in from a take-off 100 miles at sea, 90 fighter-bombers from the Second Marine Air Wing landed at Cherry Point 26 Jan. after a five month carrier-cruise in the Mediterranean Sea area. Led by Col. E. W. Seeds, USMC, fliers attached to Marine Air Group 11 took off from the flight deck of the Navy aircraft carrier USS Leyte.

On hand to greet the incoming "Corsair" fighter planes was the famed Second Air Wing band, playing martial airs as wives and families got their first glimpse of loved ones since early September, when the carrier embarked from the Naval Air Station, Quonset Point, R. I. Later in the afternoon twenty R5C "Commando" transports flew in from Norfolk with the MAG-11 personnel who had stayed aboard the Leyte until disembarkation.

■ **CAMP CHIGASAKI, JAPAN.** A farewell review honoring Col. Wayland B. Augur, former First Cavalry Division Chief of Staff, was held recently by members of Company "A," 71st Heavy Tank Battalion. Colonel Augur, who inspected troops of the unit prior to the review ceremonies, has been ordered to Headquarters Sixth Army.

■ **CAMP DRAKE, JAPAN.** A formal reception honoring the fifth anniversary of the First Cavalry Division's entry into Manilla was held 3 Feb. Members of the special committee named for the entertainment program were Lt. Col. Marvin E. Ellison, General Chairman; Maj. Hal D. Steward, Entertainment and Publicity; Capt. Julian P. Tucker, Special Guests and Table Arrangement and Capt. R. J. Wilson, Reception and Floor Control.

■ **KANAOKA POST, JAPAN.** The officers' wives and ladies of Kanaoka Post recently honored Maj. George Sibbald and Capt. and Mrs. Earl Wilson, who are leaving for the States. After a leave in the States Major Sibbald will become a student at the Infantry School, Fort Benning, Ga., and Captain Wilson will be stationed at Fort Riley, Kans.

■ **NARA, JAPAN.** Brig. Gen. Barth, Commanding General of the 25th Division Artillery and Mrs. Barth held a formal reception recently for all the officers and ladies of the DivArt. Due to extensive fall and winter maneuvers this was the first time General and Mrs. Barth had to meet the officers and their ladies formally. General Barth is newly assigned as Commanding General of the Tropic Lightning Division's Artillery.

■ **SAN FRANCISCO, CALIF.** The Northern California Chapter of the Quartermaster Association held its annual dinner meeting at the Presidio of San Francisco, 19 Jan. A crowd of 230, some of them from points more (Continued on Next Page)

Posts and Stations

(Continued from Preceding Page)

than 100 miles distant, enjoyed a tasty repast, elected new officers and heard an address by Lt. Gen. A. C. Wedemeyer, Sixth Army Commander.

Col. O. W. Humphries, QMC, Sixth Army Quartermaster, was chosen president for the current year, receiving the gavel from retiring president Col. A. C. Harlander, QMC-Res, who in civilian life is Division Manager of Safeway Stores. Other officers of the new slate are: First vice president, Lt. Col. Arthur Nelson, QMC, of the Oakland Quartermaster Industrial Mobilization District; second vice president, Lt. Col. Stanley Diamond, QMC-Res; treasurer, Lt. Col. L. J. Guy, QMC-Res; and secretary, Mr. William Kilby, of V. H. Monette & Co., San Francisco.

Among the guests were Mrs. A. C. Wedemeyer; Mrs. O. W. Humphries; Col. James Notestein, Sixth Army Information Officer, and Mrs. Notestein; Col. Ivan Yeaton, Presidio Deputy Post Commander, with Mrs. Yeaton, and Mr. and Mrs. Fred Pruter. Mr. Pruter is manager of the Pacific Coast Garment Manufacturers Association and west coast representative on national industrial mobilization committees of the apparel industries.

■ ANNAPOLIS, MD. The U. S. Naval Post-graduate School Women's Club will meet at 8 p.m. 14 Feb. in the Auditorium of the Postgraduate School, U. S. Naval Academy. Guest speaker for the evening will be Miss Miriam F. Parmenter, demonstrator. Subject for her talk and demonstration will be "Snacks with a Party Look" slanted for February holidays. A social will follow the program with Mrs. J. C. Norris and Mrs. W. E. Weinberg presiding at the punch bowl.

New committee members announced at the last meeting were: program committee, Mrs. J. J. Nolan and Mrs. Walton Newland serving with Mrs. T. T. Shepard, chairman; social committee, Mrs. W. D. Brotherton and Mrs. U. W. Patrick serving with Mrs. W. D. Surface, chairman.

■ MARBO, GUAM. Carlos Taitano, Guam Congressman, businessman, and Infantry Reserve Captain, was elected president of the Guam Chapter, Reserve Officers' Association at a chapter meeting last week. Other officers elected in the newly organized ROA unit were Comdr. W. B. Vourland, USNR, manufacturers' agent, Agana, vice-president; Capt. Kenneth Norris, a MARBO engineer officer on active duty, vice-president for Army: Maj. Edward Jone, USAF, collector of customs, naval government, vice-president for Air Force; Comdr. Vance Smith, USNR, Agana businessman, vice-president for Navy; and Lt. (jg) Al Temple, USNR, teacher at George Washington High School, secretary-treasurer. Elected to the executive committee were Capt. Anna Shea, WAC, wife of Capt. R. E. Shea, Guam Army post, and Lt. (jg) Edgar Crain, USNR, an Agana lawyer.

■ FORT RICHARDSON, ALASKA. Maj. Arthur L. Baker, Assistant Director of Organization and Training, U. S. Army, Alaska, is the new Director of the popular Anchorage Community Chorus which is heard regularly over radio station KENI in Anchorage. He replaces Lt. Russell G. Mason, also of Army headquarters who is now on temporary duty at Whitehorse, Yukon Territory, Canada, performing Public Information duties in connection with "Exercise Sweetbriar."

Capt. Francis W. Brearty, CMP, who arrived in Alaska recently, has joined and assumed command of the 502d Military Police Service Platoon. He was formerly on the staff and faculty of the Military Police School at Camp Gordon, Ga.

Officers who left to serve as umpires in "Exercise Sweetbriar" were Col. Branner P. Purdie, Lt. Col. William G. Grace, Lt. Col. William J. Stover, Maj. Vincent H. Santoro, and Maj. Henry M. Reed.

■ SPOKANE AFB, WASH. Savings of \$101,671 in man-hours and equipment were made during 1949 in a concentrated safety campaign at Spokane Air Force Base. A traffic "crack-down" was started on the base last Dec. as a part of the intensive economy program being carried on under the direction of Col. Clifford H. Rees, 92d medium bomb wing commander.

"Our over-all savings through the safety campaign were about 50 per cent over a year ago," the colonel said. "This does not include flight operations but does include all ground activities of both military and civilian personnel."

■ SELFRIDGE AFB, MICH. A reception in honor of Brig. Gen. Harry A. Johnson, acting Commanding General of the Tenth Air Force, was held 28 Jan., followed by a formal dance.

Lt. Gen. Kenneth B. Wolfe, Headquarters USAF, was principal speaker at a "get-together dinner" 27 Jan. for the staff officers of the Tenth Air Force Headquarters, the 56th Fighter Interceptor Wing, and prominent industrialists and leaders in Detroit.

■ MacDILL AFB, FLA. The base golf course will have its grand opening 4 Feb. and promises to be one of the finer attractions for off-duty enjoyment. The nine-hole, 3,117-yard

layout will be supervised by Capt. William Roston. He will be assisted by T/Sgt. Tillman E. Lyles and Cpl. Jack E. Payton. T/Sgt. Lyles, who will be the club professional, is an old hand at the golf game, having some 20 years' experience. He hails from Charlotte, N. C., and was assistant pro to Arthur Ham for eight years. In 1947 he placed third in the St. George open in Bermuda. Cpl. Payton, while only 21, is also an old hand at the golf game. He has been playing golf for more than ten years and was last year's Strategic Air Command medalist champ. In addition to winning the SAC tourney, he has won the Ft. Myers City Championship in 1946. He also qualified for the National Public Links tournament in 1946-47 and he was a member of the SAC team which participated in the All-Air Force tournament last year.

■ FORT KNOX, KY. General of the Army George C. Marshall, wartime Chief of Staff, visited Louisville last week in connection with Red Cross activities. The President of the American National Red Cross was guest of honor at Louisville Chapter's annual dinner meeting. Guests attending from Fort Knox were: Maj. Gen. Wm. G. Livesay, commanding general, and Mrs. Livesay; Maj. Gen. Rodger R. Allen, commanding general, Third Armored Division, and Mrs. Allen; and Col. Paul Crawford, post surgeon, and Mrs. Crawford.

Officers' wives from the Third Armored Division Combat Command "A" were guests at a seafood luncheon sponsored by the ladies of the 7th Medium Tank Battalion recently. Mrs. David Radam, wife of the commanding officer of the 7th Battalion, was the hostess at the affair. Assisting Mrs. Radam were Mrs. Leslie Springs, Mrs. Delmar Paugh, Mrs. Henry Thrift, Mrs. Raymond Trowbridge,

Mrs. William R. Evans, Mrs. James Thornton, Mrs. Jere H. Dement and Mrs. Needham C. Holdon. Novel place cards representing something significant of the birth month of the individual were painted by Mrs. Lela Gray.

■ ROBINS AFB, GA. Mrs. Ralph F. Stearley, wife of Maj. Gen. Stearley, commanding general of the Fourteenth Air Force, presided at the meeting of the Women's Club, on 1 Feb. Mrs. Stearley, who is chairman of the garden committee of the club, presented plans for the coming year and appointed nominating committee. Following the program, Mrs. Howard H. Cloud and her committee, Mrs. Harold A. Benner, Mrs. Leo A. Karawski, and Mrs. Valdene Stephens, served tea.

■ OKINAWA. Some 6,500 copies of Japanese translations of the New Testament will soon be distributed to churches throughout the Ryukyu Islands, Chaplain (Lt. Col.) Oliver Kelly, RYCOM Staff Chaplain, has announced. The Bibles were obtained from the Japanese Bible Society in Tokyo, a branch of the American Bible Society. The chaplain's office has already consigned 1,500 copies to the Youths of Christian Organization.

■ FORT BRAGG, N. C. Maj. Elmer C. Howard was recently assigned to the 82d Airborne Division. A veteran of World War II and a past member of the 24th Infantry Division, Major Howard participated in the fighting on Hollandia, Leyte, Mindoro and Luzon in the Southwest Pacific Theater of Operations. His military decorations include the Silver Star with cluster, Bronze Star with cluster and the Purple Heart.

■ WESTOVER AFB, MASS. The Officers' Wives' Club had a delightful Dessert Bridge

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and Canasta Party 26 Jan. Hostesses for the affair were Mrs. Harold A. Olson, Mrs. Phillip Grady and Mrs. Omar G. Wernitz. Prizes were awarded to Mrs. James Powell for high Bridge score, Mrs. William Lewis for second high. Consolation prize went to Mrs. Henry Chinland. Canasta winner was Mrs. Douglas H. Reynolds.

■ CAMP GORDON, GA. A formal reception was held in honor of Maj. Gen. Edwin P. Parker, Provost Marshal General, at the Military Police School during his recent visit. Among the 60 guests attending the reception were Brig. Gen. H. G. Maddox, Commanding General of Camp Gordon, Col. T. F. Wessels, Post Executive Officer, and Mrs. Wessels, Col. William H. Maglin, Commandant of the Military Police School, and Col. Francis E. Howard, Deputy Provost Marshal General.

■ BOLLING AFB, WASHINGTON, D. C. Lt. Col. Nels A. Anderson, Deputy Chief of Staff for Operations and Training for Headquarters Command USAF, was elected president of the Board of Governors for the Officers' Club for 1950. Colonel Anderson succeeded Maj. Robert Swearingen. Lt. Col. Ben T. Stogner was elected vice president. Assisting board members elected are Maj. William W. Robertson, Capt. Rita O'Donnell, 1st Lt. William G. Solomon, and Lt. Col. James F. Mears.

■ NORFOLK, VA. Admiral and Mrs. William H. P. Blandy and Vice Adm. and Mrs. William M. Fechteler were guests of honor

(Please turn to Next Page)

SCHOOL AND CAMP DIRECTORY

The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army and Navy Journal Department of Education, 1711 Conn. Ave., Washington 9, D. C.

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THESE SCHOOLS

Invite requests for catalogue and information. In writing kindly mention The Journal.

Posts and Stations

(Continued from Preceding Page)

31 Jan. at a reception given by the present staff of Commander-in-Chief Atlantic and United States Fleet, together with the staff of Maneuver Command, Puerto Rico Exercise at the Commissioned Officers' Club, Armed Staff College.

Rear Adm. Edward E. Pare, USN-Ret., was presented by the Hermitage Foundation 3 Feb. in the seventh of its "Art of Living" series. Admiral Pare spoke on "Preparedness for the Art of Living."

■ **NEWPORT, R. I., NAVAL BASE.** Capt. Herbert F. Eckberg, USN, of the Naval War College, was the speaker at the Armed Services Y.M.C.A. last Sunday evening, on the subject "Naval Missions and Advisory Groups in South America."

The War College Wives group, with wives of all other officers stationed in the Newport area as guests, recently heard a talk by Lewis Mumford, noted author, philosopher and architect, on "The Impact of the Atomic Age on our Civilization." Mr. Mumford spoke in Pringle Hall at the War College.

Mrs. Martin L. Dana was hostess to a group of 12 other wives of General Line School officers for luncheon recently at the Hotel Viking, Newport.

■ **FT. LAWTON, WASH.** The March of Dimes programs proceeded with a good start 25 Jan. with Barbara Lee Raines, age three, daughter of Sgt. 1/C. W. E. Raines, being presented with the warrant of an honorary Sgt. by the Post Commander, Col. Rex B. Willoughby. Barbara Lee, who is a victim of polio, was honored by the entire command at ceremonies held in the post theatre at the official opening of the March of Dimes campaign. After being dressed in her WAC uniform, which has been tailor-made despite Barbara's leg braces, she was taken on a complete tour of Fort Lawton.

■ **RODRIGUEZ GENERAL HOSPITAL, P.** Dr. A. Ashley Weeck, M.D., Professor of Pediatrics, University of Cincinnati, visited here during his sojourn in Puerto Rico, where he was conducting a postgraduate course in Pediatrics for the doctors of this area, acting on the request of Dr. Hector Hidalgo, M.D., civilian in charge of the Pediatric Section of Rodriguez General Hospital.

■ **FT. CLAYTON, C. Z.** Col. W. D. Graham, MC, USA, Commanding Officer of the Fort Clayton Hospital, was installed recently as President of the Isthmian-Canal Zone Medical Association.

■ **FORT BROOKE, F. B.** A war man power commission presided over by Col. William Don Graham, MC, will visit Rodriguez General Hospital, on or about 15 Feb. for the purpose of making a survey of personnel requirements for the hospital.

Five nurses have joined the staff of Rodriguez General Hospital, Captains Virginia B. Daily and Margaret Bellue and 1st Lts. Dorothy M. Berger, Eva E. Edmundson and Anna L. Hager. Maj. Irving Fox, MSC, entering on a short tour of active duty, has been assigned to the Antilles Medical Laboratory. Col. Arden Freer, MC-Ret., was a recent visitor to Rodriguez General Hospital. The Colonel, Assistant Medical Director on Veterans' affairs, is in Puerto Rico in connection with that office.

■ **NEW ORLEANS PORT OF EMBARKATION.** Lt. Gen. Leroy Lutes, Commanding General of the Fourth Army and wartime Commander of the Army Service Forces, arrived 25 Jan. on a tour of inspection of all Fourth Army installations in this city. The General attended a dinner in his honor at famed old Antoine's Restaurant, sponsored by the Army Advisory Committee. Col. Austin D. Higgins, Port Commander, was a guest at the affair and represented the New Orleans Port of Embarkation.

On 20 Jan., civic and military executives and officials paid tribute to Col. Edward H. Connor, Jr., former Port Commander, at a testimonial luncheon in his honor at the Clai-borne Room of the St. Charles Hotel. Jointly sponsored by the New Orleans Port Commission, Army Advisory Committee, and the Chamber of Commerce, the luncheon was presided over by Mr. Robert L. Simpson, President of the Dock Board, who acted as toastmaster.

■ **ROBINS AFB, GA.** The first general's wife to be honored by having a camellia variety named for her is to be Mrs. R. V. Ignico, whose husband commands the Warner Robins Air Materiel Area and Robins AFB. There have been gennals whose names have been tagged on camellias—notably MacArthur and Patton—and the admirals are represented in the camellia book by Nimitz.

But, when, at the Middle Georgia Camellia Association showing at the Auditorium in Macon on 18-19 Feb. the "General's Lady Arlene" specimen is registered, Mrs. Ignico will be the first of the armed forces distaff

side to join the 800 presently recognized types.

The bloom which will be known hereafter as "The General's Lady Arlene," was last year's prize winner in Macon, Ga., as the outstanding seedling, and also won top honors at shows in Mobile, Savannah, and Pensacola.

■ **PEARL HARBOR, T. H.** The USS Whidbey, specially converted sea-going medical research laboratory, has arrived at the Navy Yard, Pearl Harbor, after 11,381 miles of cruising in the islands of the Pacific Trust Territory. The ship is here for routine maintenance work before resuming her history-making medical survey of the peoples of the Marshalls, Carolines and Northern Marianas Islands.

The USS Whidbey left Pearl Harbor in July 1948 to conduct an island-by-island examination of the health of the indigenous peoples in the Trust Territory. When completed, it will be the most comprehensive survey ever undertaken of any comparable group of people. Upon the statistical data gathered by technical members of the USS Whidbey's crew will be based long-range plans for improvement of public health in the Territory. To date, medical and dental men have examined 19,713 persons on 44 islands in the approximately 3,000,000 square miles of ocean area over which Trust Territory communities are distributed.

■ **WEST POINT, N. Y.** The first in a series of Academic Exchange Visits between Cadets of the U. S. Military Academy and Midshipmen of the U. S. Naval Academy was held from 2 to 5 Feb. Fostering a spirit of unification among the embryo officers, the Military Academy sent 76 Cadets to Annapolis while the Naval Academy sent 120 Midshipmen to West Point.

Involved in the visits were the members of the Second Class (Juniors) at both academies. The 2d Classes have been broken down into six trip sections with one section being exchanged on each of the following weekends: 2-5 Feb.; 16-19 Feb.; 23-26 Feb.; 23-26 March; 13-16 April; and 20-23 April. The Naval Academy sections will be slightly larger than those from the Military Academy since the 2d (Junior) Class at Annapolis includes some 800 Midshipmen as compared to some 490 Cadets in the Military Academy class.

■ **CHATHAM AFB, GA.** Mrs. James E. Newman was elected president of the Officers' Wives Club of this base at the annual meeting last week. The other officers elected were: First vice president, Mrs. Lawrence E. Godley; second vice president, Mrs. Lawrence B. Russell; recording secretary, Mrs. Randal W. Fentress; corresponding secretary, Mrs. Thomas Schenbley; treasurer, Mrs. James W. Sanges; assistant treasurer, Mrs. Neal Wolfe; sergeant-at-arms, Mrs. Samuel B. McGowan. A feature of the afternoon was a baby show. Forming a background for the children were clotheslines, stretched from pillar to pillar, on which baby clothes were hung. On each pillar was an amusing toy animal. Taking part were Diana Lee Veith, Anne D. Vail, Barbara Ann Walsh, Renee Fawley, Trudy Jo Vick, Robert E. Pierson, Jr., Cathy Ann Caveletto, Cheryl Shulgin, Melody Lane Oglesby, Helen Breckenridge, Chip Harper, Harry Whitenight, III, Christine Wakeman, Ronald Plansky, Tommy Dunkelberger, Karen Smith, Bill Ferrelle, John Rauch, Timothy Dowling, Wendy Frost, Paul Yelle, Keith Van Der Heyden, Dennis Wells, Rene Leguex, Mike Murphy, Janice Francis, Sidney Carter, Jr., Claudia Smith and Valerie Rork.

■ **FORT JAY, N. Y.** Members of the Ft. Jay Girl Scout Council tendered a farewell luncheon to Mrs. E. P. Ketchum on 23 Jan. on the occasion of her retirement as Chairman of the Council. Mrs. Ketchum was presented with a Scout emblem pin in appreciation of her services, and both Mrs. Walter Bedell Smith, newly-appointed Chairman, and Mrs. Ketchum received corsages. Attending the luncheon were Mrs. D. L. Bonnell, Mrs. R. Douglas, Mrs. E. T. Henry, Mrs. E. P. Ketchum, Mrs. A. A. Koscielniak, Mrs. F. E. Morse, Mrs. J. I. Rhea, Mrs. W. B. Smith, Mrs. F. J. Stagliano, Mrs. W. A. Stuart, Mrs. P. A. Wakeman, Mrs. D. J. Valegora, Mrs. L. Weisenfuss and Mrs. K. J. White.

Col. Mary A. Hallaren, Director, Women's Army Corps, was guest of honor at a cocktail party given by Maj. Charlee L. Kelly, First Army WAC Director, at the Governors Island Officers' Club on 26 Jan. More than 35 members of the Women's Army Corps were present to greet Colonel Hallaren before she proceeded to West Point.

■ **SAN DIEGO, CALIF.** Mrs. C. B. Taylor and Mrs. F. D. Kilgore, both widows of Marine Corps officers, are visitors in San Diego. Maj. Gen. and Mrs. Emile P. Moses received in their La Jolla home on 28 Jan. honoring the visitors while on Sunday Col. and Mrs. Alan Shapley entertained at their Marine Depot quarters. Invited to meet Mesdames Kilgore and Taylor were: Maj. Gen. and Mrs. Wm. T. Clement and Brig. Gen. and Mrs. B. W. Atkinson.

"The Autograph Chasers," presented by the Old Globe Junior Theater group of which Miss Sandra Warren is a talented member, was the feature attraction at the party given by Comdr. and Mrs. Jack Warren on 27 Jan.

The Warren's home boasts a game room with stage where the play was given and later cocktails and a buffet supper were enjoyed. The young Thespians, who delighted the audience with their acting included: Lucy, Beebe, Janice Sears, Marie Prinos, Esther Lustog, Betty McCallis, Beverly Neel, Tim, Nick and Lenny Temple, Jerry Van Antwerp, Ted Kelly, Marby White, and Miss Warren. The audience included: Capt. and Mesdames H. B. Temple, Robert P. Beebe, Comdr. and Mesdames L. W. Van Antwerp, T. H. Neel, Clarence White, Carl Pfister, E. J. Murphy, M. D. Norton, Ray Smith, R. J. Condon, Warren Devine, Lt. Comdr. and Mesdames O. L. Maupin, Jack Tripp, Spencer Reitz, M. J. Bouterse, Lts. (jg) and Mesdames G. G. Zorn and W. W. Declus.

The Commissioned Officers' Club, Marine Recruit Depot, was the scene of the cocktail party given on 28 Jan. by Capt. Jesse B. Gay, USN-Ret., and Mrs. Gay. The party honored their son, Comdr. Jesse B. Gay, Jr., USN, and his bride, who have recently arrived from Washington, D. C. The bride was the former Miss Barbara Slingluff, daughter of Lt. Comdr. Thomas Cross Slingluff, USN-Ret., and Mrs. Slingluff of Chevy Chase, Md. She and Commander Gay, who were married in December, have taken an apartment in Coronado. The officer is taking special training at the Fleet Sonar School preparatory to assuming command of the USS Stickell in February.

Air Force Uniforms

General Hoyt S. Vandenberg, Chief of Staff, USAF, has announced that the Air Force is taking action to correct non-regulation tailoring of the new "shade 84" blue uniforms. Similar action will be taken to prevent the wearing of improper accessories with the uniform.

"The original intent of Air Force regulations governing the new uniform was to establish uniformity of dress among officers and airmen," General Vandenberg said. "There have been increasing variances in style and accessories from the original regulations.

"It is my intent," he said, "that the standards set forth in regulations be attained before the initial issue is made to airmen later this year. There is no place for individuality of interpretation insofar as the Air Force uniform is concerned."

The most common deviations from regulations were revealed following a study made by the USAF Uniform Board headed by Maj. Gen. Carl A. Brandt, Deputy Director of Requirements of the Operations staff section at AF Headquarters.

The Uniform Board was established in August, 1949 to consider all proposals and recommendations for selection, modifications, additions, or changes relating to the new Air Force blue uniforms.

Pending the printing of additional guidance publications, the USAF Clothing Branch is sending memoranda to members of the uniform clothing industry listing features not acceptable to standards and asking their cooperation in giving the memorandum widest possible circulation within the industry.

At the same time, Air Force personnel are being advised that variations from regulations will "not be tolerated." Officers and airmen purchasing the new uniforms are cautioned that any deviations from regulations will be corrected at the individual's expense.

Among the undesirable features and discrepancies, together with proper standards listed for the guidance of the uniform industry, are the following:

Overcoat: Present lengths are at variance with proper measurement. The point of measurement should be the bottom of the knee cap for all personnel, regardless of height.

Uniform Coat (formerly called blouse): Avoid tightness at waist. It should be loose enough to be wrinkle-free, front and back, to provide freedom of movement.

Breast pocket buttons should be lined up horizontally with top coat button.

The bellows pockets should be set back slightly from the vertical line established by the inner edge of the breast pockets.

Trousers: Manufacturers have not been providing sufficient rise in the waist to prevent a gap from appearing when worn with a battle jacket.

No buttons should show through the pocket flaps on the back pockets.

Battle Jacket: There has been too much variety in the width of cuffs and waist bands. The waist bands must be approximately 2 1/4 inches and the cuffs approximately 2 1/4 inches in width.

Efforts should be made to keep the front of the jacket as wrinkle-free as possible without excessive shortening of the front panels.

Service Cap (with visor): Caps have been breaking down in the two front quarters of

the crown. A revision to the specification originally issued now includes the addition of hair cloth to aid in stiffening the front quarters of the crown. Producers are being asked also to strengthen the soft roll grommets so that the original appearance of the cap may be retained.

Topcoat (formerly called trenchcoat): Various types of fabric are being used in the outer shell, contrary to original intent to restrict this topcoat outer shell to all-worsted gabardine. Any combinations of rayon and cotton in lieu of all-worsted gabardines are violations of the intention to gain a suitable fabric for the outer topcoat. An amendment to the description of the Air Force topcoat specified the materials to be used in this garment. To reiterate, the shell shall be fabricated from 13-15 ounce all-worsted gabardine in shade 84, and the liner to be made of 10-12 ounce all-wool material.

In instructions issued to Air Force personnel, emphasis was also placed on the following items.

Effective March 1, the only outer garments authorized for wear with the blue uniform are the wool velour overcoat, shade 85, and the gabardine topcoat, shade 84.

Battle jackets, already purchased, should be modified to remove the buttons and underflaps from the breast pockets and replace them with snaps at the corners of the pockets.

The waistband snap should be changed from one to two to provide firmer anchorage of the band.

Pleated trousers are optional for officers and airmen but after January 1, 1952, all pleats must face in, away from the pockets.

Non-regulation and non-standard belts, ties, buttons, hat ornaments, and insignia "will not be tolerated."

Shoes will be oxford-type, black laced, with plain or plain-capped toes, and must have standard soles. The only exception to the oxford-style will be the chukker boot and the presently authorized service shoe.

The buckle-type shoe and flight boots, popular during the war, are not authorized.

Continuous study of the uniform and its accessory items is being made by the USAF Clothing Branch and the Uniform Board. As these recommendations are approved, manufacturers and Air Force personnel will be advised.

"Our personnel will be advised of change immediately," General Brandt said. "They may be assured there will be no changes in basic regulations. It is suggested that close attention to existing regulations is their surest safeguard against misinterpretation."

Strengthen Pacific Fleet

For the second time in a little over a month, the Navy has announced a shift of Atlantic Fleet vessels to the Pacific.

Six ships, all destroyer-types, including four to be redeployed from the Atlantic, and two recently reactivated, will be involved in the strengthening of Pacific forces.

In mid-December the Navy shifted two cruisers from the Atlantic to the Pacific, in a move which it said was made "to equalize cruiser division strength of the two fleets."

The destroyer-type ships are to be organized into Escort Division One, and will be based at Pearl Harbor.

Five of the ships are reactivated destroyers converted for anti-submarine duty and one is a new "killer" type destroyer, the USS Carpenter, commissioned on 15 Dec. The 2,400-ton hunter-killer ship has the same general dimensions as standard destroyers now operating with the fleet, and is designed for a speed in excess of 30 knots. She is currently on post-commissioning trials out of the Naval Operating Base at Norfolk, Va., and should be ready to join the Pacific Fleet in June of this year.

The anti-submarine escort destroyers USS Fletcher and USS Radford, both reactivated 2100-ton destroyers, are undergoing shakedown training at San Diego. They will arrive at Pearl Harbor about 1 March, the Navy said.

Two other former 2100-ton destroyers, the USS Philip and USS Renshaw, are now being converted to anti-submarine escort destroyers at the Naval Shipyard, Portsmouth, Va. They will be ready for active service in the Pacific about mid-August, 1950.

The USS Epperson, a former 2200-ton destroyer, will join Escort Division One at Pearl Harbor when her present Atlantic Fleet commitments are fulfilled probably in September 1950.

An aircraft carrier from the Atlantic Fleet, reportedly, was also to have been transferred to the Pacific, but the announcement made no mention of it. The Navy said, however, that there were no plans to transfer any of the 27,000-ton Essex class carriers from the Atlantic. If the transfer is effected, it will probably involve an escort carrier.

Born

ADAMS—Born at USMC Air Sta, Cherry Point, NC, 13 Jan 1950, to Sgt & Mrs John H Adams, a daughter, Susan Marie.

ALTMAN—Born at Tripler Gen Hosp, Honolulu, TH, 29 Jan 1950, to Lt Col & Mrs James E Altman, a daughter, Margaret Kemp.

AKERS—Born at Sta Hosp, Ft Riley, Kans, 26 Jan 1950, to M/Sgt & Mrs Leo A Akers, a son, Dana Richard.

ATWELL—Born at Sta Hosp, Cp Hood, Tex, 16 Jan 1950, to M/Sgt & Mrs Alvin C Atwell, a daughter, Betty LaVaughn.

AUTRY—Born at Walter Reed Gen Hosp, Washington, DC, 15 Jan 1950, to Sgt & Mrs Henry Autry, a daughter, Glenda Denise.

AYBAR—Born at Rodriguez Gen Hosp, Ft Brooke, PR, 16 Jan 1950, to Lt Col & Mrs Jose A Aybar, a daughter, Ingrid Christine.

BAKER—Born at Sta Hosp, Aberdeen Proving Ground, Md, 18 Jan 1950, to Sgt 1/Cl & Mrs Donald L Baker, a son, Donald LeRoy.

BAKER—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 21 Jan 1950, to 1st Lt & Mrs Joe Baker, a daughter, Susan Kaye.

BINGEN—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 25 Jan 1950, to M/Sgt & Mrs Gustav Bingen, a son, Thomas Lee.

BLACK—Born at Pensacola, Fla, 25 Jan 1950, to Ens & Mrs Raymond Lee Black, a daughter, Linda Lee.

BLACKWELL—Born at Sta Hosp, Maxwell AFB, Ala, 25 Jan 1950, to Capt & Mrs Lynn R Blackwell, a daughter, Mary Gene.

BONE—Born at Sta Hosp, Ft Knox, Ky, 20 Jan 1950, to Maj & Mrs Howard C Bone, a daughter, Barbara Lynn.

BOWMAN—Born at Walter Reed Gen Hosp, Washington, DC, 17 Jan 1950, to Maj & Mrs John S Bowman, a son, Carter Ren.

BRAMLETT—Born at Sta Hosp, Cp Hood, Tex, 1 Jan 1950, to Sgt & Mrs Delmar F Bramlett, a son, Robert James.

BURK—Born at Walter Reed Gen Hosp, Washington, DC, 14 Jan 1950, to Lt Col & Mrs Walter J Burk, a daughter, Judith Lynn.

BUTLER—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 24 Jan 1950, to S/Sgt & Mrs Arden Butler, a son, Craig Arden.

BYRD—Born at Sta Hosp, Scott AFB, Ill, 21 Jan 1950, to Sgt & Mrs Ray Byrd, a son, Larry Gene.

CARDOZO—Born at Osaka Gen Hosp, Osaka, Japan, 13 Jan 1950, to M/Sgt & Mrs Alvin W Cardozo, a son, Jeffrey D.

CARTER—Born at US Naval Hosp, Oak Island, Calif, 19 Jan 1950, to GMC & Mrs William Carter, a daughter, Constance Ruth.

CHAPMAN—Born at Sta Hosp, Cp Hood, Tex, 16 Jan 1950, to M/Sgt & Mrs Joseph E Chapman, a son, Joseph Lee.

CHEEK—Born at Sta Hosp, West Point, NY, 25 Jan 1950, to Maj & Mrs Andrew R Cheek, a son, Joseph Craig.

COINER—Born at US Naval Hosp, Oak Island, Calif, 20 Jan 1950, to ADC & Mrs Warren Coiner, a son, George Andrew.

COLDSBY—Born at Sta Hosp, Ft Geo G Meade, Md, 25 Jan 1950, to Sgt & Mrs Edward Coldsby, a son.

COLE—Born at Walter Reed Gen Hosp, Washington, DC, 19 Jan 1950, to Lt Col & Mrs Clifford E Cole, a son, Clifford Grant.

COOK—Born at Osaka Gen Hosp, Osaka, Japan, 17 Jan 1950, to 1st Lt & Mrs Dudley P Cook, a daughter, Carol Ann.

COTTELYOU—Born at US Naval Hosp, Long Beach, Calif, 20 Jan 1950, to Lt Col & Mrs Stoddard G Cottelyou, a son, Stephen Gregg.

COYNE—Born at Sta Hosp, Cp Hood, Tex, 2 Jan 1950, to 1st Lt & Mrs John M Coyne, a daughter, Nancy Cora.

CRAIN—Born at Sta Hosp, Cp Carson, Colo, 17 Jan 1950, to Capt & Mrs Charles L Crain, a daughter, Marilyn Price.

CRANLEY—Born at Sta Hosp, Cp Hood, Tex, 1 Jan 1950, to Sgt & Mrs Harry Cranley, Jr, a daughter, Patricia Rose.

CRISP—Born at Sta Hosp, Ft Clayton, CZ, 16 Jan 1950, to Sgt & Mrs Charles C Crisp, a daughter, Dorthea Olene.

CRUZ—Born at US Naval Hosp, Oakland, Calif, 16 Jan 1950, to SD 1/Cl & Mrs Filipe Cruz, a son.

DABNEY—Born at Fitzsimons Gen Hosp, Denver, Colo, 17 Jan 1950, to Sgt & Mrs Ira D Dabney, Lowry AFB, Colo, a son.

DAIL—Born at Sta Hosp, Cp Hood, Tex, 30 Dec 1949, to Sgt & Mrs Frasher F Dail, twins, Ronnie Fuller and Connie Jo.

DAVIS—Born at USMC Air Sta, Cherry Point, NC, 13 Jan 1950, to S/Sgt & Mrs Carl R Davis, a daughter, Betty Louanne.

DAVIS—Born at US Naval Hosp, Oakland, Calif, 15 Jan 1950, to BM 1/Cl & Mrs Harry Davis, a son, Geoffrey Lee.

DAVIS—Born at Sta Hosp, Scott AFB, Ill, 25 Jan 1950, to 1st Lt & Mrs P H Davis, a daughter, Jillian Hazel.

DAVIS—Born at Walter Reed Gen Hosp, Washington, DC, 17 Jan 1950, to Sgt & Mrs Henry A Davis, a son, Harold Stanley.

Births • Marriages • Deaths

(No charge for Service announcements. Please notify promptly.)

DEKLE—Born at Family Hosp, Cp Lejeune, NC, 16 Jan 1950, to 1st Lt & Mrs Ralph G Dekle, a son, James Michael.

DEMARR—Born at US Naval Hosp, Portsmouth, Va, 27 Jan 1950, to Lt Col & Mrs James D DeMarr, a son, Glen Kenneth.

DEMPSTER—Born at US Naval Hosp, Oakland, Calif, 17 Jan 1950, to AD 2/Cl & Mrs Lloyd Dempster, a daughter, Christine Elizabeth.

DENCHFIELD—Born at Walter Reed Gen Hosp, Washington, DC, 17 Jan 1950, to Maj & Mrs Robert D Denchfield, a son, Roger Dennis.

DENINATE—Born at Cp Lee, Va, 18 Jan 1950, to Capt & Mrs Nicholas Deninate, a daughter.

DENNIS—Born at Cp Lee, Va, 16 Jan 1950, to Sgt & Mrs Charles D Dennis, a daughter.

DETHIER—Born at USMC Air Sta, Cherry Point, NC, 15 Jan 1950, to Capt & Mrs Gerard Dethier, a son, Gerard Jr.

DISHON—Born at Wesley Hosp, Wichita, Kans, 20 Jan 1950, to Sgt & Mrs Lynn R Dishon, a son, Danny Lee.

DODGEN—Born at Sta Hosp, Cp Hood, Tex, 15 Jan 1950, to Sgt & Mrs James C Dodgen, a daughter, Samra Lynn.

DONOHOE—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 22 Jan 1950, to 1st Lt & Mrs Paul S Donohoe, a son, Darryl Clay.

DOYLE—Born at Osaka Gen Hosp, Osaka, Japan, 13 Jan 1950, to 1st Lt & Mrs Garrison J Doyle, 3d, a son, Garrison J, 4th.

DUCKWORTH—Born at Sta Hosp, Ft Clayborn, Tex, 20 Jan 1950, to Capt & Mrs George Harold Duckworth, a son, David Kelley.

DUVAL—Born at Sta Hosp, Ft Riley, Kans, 23 Jan 1950, to Sgt 1/Cl & Mrs Gerald A Duval, a son, Jerry Michael.

EDGAR—Born at Sta Hosp, Maxwell AFB, Ala, 26 Jan 1950, to Sgt & Mrs James L Edgar, Jr, a son, Timothy Andrew.

EHLERT—Born at US Naval Hosp, Oak Island, Calif, 17 Jan 1950, to MM 3/Cl & Mrs Karl Ehlert, a son, Karl Heinz, Jr.

ELZEY—Born at US Naval Hos, Long Beach, Calif, 21 Jan 1950, to Capt & Mrs William P Elzev, Jr, a daughter, Diana Lynn.

ENGLISH—Born at US Naval Hosp, Long Beach, Calif, 15 Jan 1950, to Capt & Mrs James English, a son, Kerry Joseph.

FALKE—Born at Walter Reed Gen Hosp, Washington, DC, 15 Jan 1950, to Lt Col & Mrs David R Falke, a son, David Falke.

FELTS—Born at Rodriguez Gen Hosp, Ft Brooke, PR, 18 Jan 1950, to M/Sgt & Mrs Buford B Felts, a daughter, Judy Marie.

FITZGERALD—Born at Beaumont Gen Hosp, El Paso, Tex, 6 Jan 1950, to Maj & Mrs Edward W Fitzgerald, a daughter, Mary Ellen.

FLATH—Born at Sta Hosp, Cp Carson, Colo, 13 Jan 1950, to Sgt 1/Cl & Mrs Herman H Flath, a son, Herman Lee.

FLEMING—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 8 Jan 1950, to S/Sgt & Mrs James Fleming, a daughter, Judith Ann.

FUSSELL—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 16 Jan 1950, to Maj & Mrs James G Fussell, a daughter, Mary Margaret.

GABEL—Born at Family Hosp, Cp Lejeune, NC, 18 Jan 1950, to Sgt & Mrs Walter H Gabel, a daughter, Linda Gale.

GESS—Born at Osaka Gen Hosp, Osaka, Japan, 13 Jan 1950, to M/Sgt & Mrs Paul M Gess, a daughter, Christine E.

GILLETT—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 23 Jan 1950, to Capt & Mrs Richard L Gillett, a son, Richard LaMar, Jr.

GLASS—Born at Cp Lee, Va, 18 Jan 1950, to Sgt 1/Cl & Mrs Earl Glass, a son.

GOODMAN—Born at US Naval Hosp, Oak Island, Calif, 19 Jan 1950, to ENC & Mrs Joseph Goodman, a daughter, Muriel Lorraine.

GOSSARD—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 20 Jan 1950, to Sgt 1/Cl & Mrs Sylvester P Gossard, a son, Paul Michael.

GREENE—Born at Fitzsimons Gen Hosp, Denver, Colo, 17 Jan 1950, to T/Sgt & Mrs D U Greene, Lowry AFB, Colo, a son.

GREMLER—Born at Sta Hosp, Maxwell AFB, Ala, 25 Jan 1950, to Maj & Mrs Paul E Gremmler, a son, Ronald Herrick.

GREY—Born at Sta Hosp, Aberdeen Proving Ground, Md, 22 Jan 1950, to Sgt & Mrs Edward C Grey, Jr, a son, Edward Gillespie, 3d.

GRIFFITHS—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 18 Jan 1950, to S/Sgt & Mrs J D Griffiths, a daughter, Christina Paula.

HADLEY—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 19 Jan 1950, to 1st Lt & Mrs Leslie R Hadley, a daughter, Leslie Meredith.

HALL—Born at Osaka Gen Hosp, Osaka, Japan, 3 Jan 1950, to Sgt & Mrs Vernie J Hall, a son, Tahmi Lawrence.

HAMILTON—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 7 Jan 1950, to S/Sgt & Mrs Elmer S Hamilton, a daughter, Barbara Lyn.

HAMLYN—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 21 Jan 1950, to Maj & Mrs Raymond H Hamlyn, a son, Raymond Thomas.

HARGRAVES—Born at Family Hosp, Cp Lejeune, NC, 13 Jan 1950, to HM 1/Cl & Mrs Perley H Hargraves, twin sons, Daniel Gordon and David Patrick.

HARRELL—Born at Sta Hosp, Cp Hood, Tex, 6 Jan 1950, to Sgt 1/Cl & Mrs Curtis D Harrell, a daughter, Caroline Annette.

HARRIS—Born at Family Hosp, Cp Lejeune, NC, 18 Jan 1950, to 1st Lt & Mrs Howard H Harris, a daughter, Andrea Joan.

HARTMAN—Born at Walter Reed Gen Hosp, Washington, DC, 16 Jan 1950, to T/Sgt & Mrs Leonard B Hartman, a daughter, Linda Anne.

HEALY—Born at Family Hosp, Cp Lejeune, NC, 12 Jan 1950, to Capt & Mrs Robert M Healy, a daughter, Sandra Gall.

HENNIS—Born at USMC Air Sta, Cherry Point, NC, 10 Jan 1950, to Sgt & Mrs Coy W Hennis, a son, Stephen Patrick.

HOBBS—Born at US Naval Hosp, Newport, RI, 24 Jan 1950, to Lt Cmdr & Mrs Junius P Hobbs, a son.

HOLCOMB—Born at Sta Hosp, Cp Hood, Tex, 16 Jan 1950, to Sgt 1/Cl & Mrs Charles O Holcomb, a daughter, Mary Elizabeth.

HOLLOWELL—Born at St Joseph's Hosp, Orange, Calif, 21 Jan 1950, to Maj & Mrs George L Hollowell, a son, George L, Jr.

HOPKINS—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 6 Jan 1950, to M/Sgt & Mrs Travis William Hopkins, a son, William Duke.

HOYT—Born at Walter Reed Gen Hosp, Washington, DC, 16 Jan 1950, to Capt & Mrs Robert L Hoyt, a son, Richard Alan.

HUGHES—Born at US Naval Hosp, Oak Island, Calif, 19 Jan 1950, to AK 3/Cl & Mrs William Hughes, a daughter, Deborah Colleen.

HUMPHREYS—Born at Sta Hosp, Cp Hood, Tex, 16 Jan 1950, to Maj & Mrs Burton W Humphreys, a son, Clinton Connell.

HUMPHREYS—Born at US Naval Hosp, Oakland, Calif, 18 Jan 1950, to YNC & Mrs Tracy Humphreys, a son.

HURD—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 23 Jan 1950, to Capt & Mrs Philip Hurd, a daughter, Deborah Susan.

INGALLS—Born at Albuquerque, NM, 16 Dec 1949, to Capt Robert D Ingalls, Jr (USMA '44), and Mrs Ingalls, a son, Christopher Ludwig; grandson of Col R D Ingalls, USA Ret, and Mrs Ingalls of Auburn, Ala; great-nephew of Lt Col & Mrs J R Fuller of Wiesbaden, Germany, and Capt & Mrs J H Massingill, Jr, now at Yokohama, Japan.

JETER—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 11 Jan 1950, to Capt & Mrs R B Jeter, a son, Marcellus.

KASTEL—Born at Ladd AFB, Alaska, 8 Jan 1950, to S/Sgt & Mrs John J Kastel, a son, Terry Allen.

KAY—Born at Sta Hosp, Cp Hood, Tex, 6 Jan 1950, to Sgt & Mrs Leo R Kay, a daughter, Cheryl Louise.

KELLEY—Born at Sta Hosp, Cp Hood, Tex, 22 Jan 1950, to Sgt 1/Cl & Mrs Frederick C Kelley, a son, Frederick Charles, 3d.

KELLEY—Born at Sta Hosp, Ft Riley, Kans, 19 Jan 1950, to 1st Lt & Mrs Richard W Kelley, a daughter, Janis Elizabeth.

KENNEDY—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 24 Jan 1950, to 1st Lt & Mrs Morgan Merrill, a daughter, Marie Ann.

MILLER—Born at Sta Hosp, Ft Clayton, CZ, 15 Jan 1940, to 1st Lt & Mrs Samual B Miller, a son, Keith Irvin.

MILLER—Born at Sta Hosp, Maxwell AFB, Ala, 25 Jan 1950, to Capt & Mrs Robert G Miller, a daughter, Gail Ann.

MILLER—Born at Cp Lee, Va, 19 Jan 1950, to Maj & Mrs Russell Miller, a son.

MINEAR—Born at US Naval Hosp, Oak Island, Calif, 19 Jan 1950, to ALC & Mrs Reginald Minear, a son, Robert Glynn.

MOLLICA—Born at Sta Hosp, Cp Hood, Tex, 18 Jan 1950, to Sgt & Mrs Alfonso A Mollica, a daughter, Marylyn Annette.

MOORHEAD—Born at US Naval Hosp, Oakland, Calif, 15 Jan 1950, to HMC & Mrs Zenith Moorhead, a daughter, Marilyn.

MORBY—Born at Sta Hosp, Ft Riley, Kans, 17 Jan 1950, to Sgt & Mrs George W Morby, a daughter, Daphne Sue.

MORKES—Born at Walter Reed Gen Hosp, Washington, DC, 14 Jan 1950, to Sgt 1/Cl & Mrs Leroy J Morkes, a son, William Lee.

NELSON—Born at US Naval Hosp, Long Beach, Calif, 21 Jan 1950, to Capt & Mrs James W Nelson, a son, John Reed.

LEACHMAN—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 17 Jan 1950, to S/Sgt

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& Mrs Martin E Leachman, a son, Jerry Eugene.

LE BOEUF—Born at Sta Hosp, Cp Hood, Tex, 21 Jan 1950, to Sgt & Mrs Newton Le Boeuf, a son, James Lloyd.

LEE—Born at Fitzsimons Gen Hosp, Denver, Colo, 16 Jan 1950, to M/Sgt & Mrs Ralph Lee of Lowry AFB, Colo, a daughter.

LOCKTOV—Born at US Naval Hosp, Oak Island, Calif, 18 Jan 1950, to TM 1/Cl & Mrs Leon Locktov, a daughter, Susan Marie.

LOVELADY—Born at Sta Hosp, Cp Hood, Tex, 14 Jan 1950, to Sgt & Mrs Ernest W Lovelady, a daughter, Betty Jean.

LUZIER—Born at Walter Reed Gen Hosp, Washington, DC, 16 Jan 1950, to Sgt & Mrs Gordon E Luzier, a daughter, Linda Marie.

LYLE—Born at US Naval Hosp, Oakland, Calif, 21 Jan 1950, to AL 2/Cl & Mrs Charles L Lyle, a son.

LYSEK—Born at Sta Hosp, Maxwell AFB, Ala, 26 Jan 1950, to S/Sgt & Mrs Peter J Lysek, a son, John Edward.

MACLEOD—Born at Alexandria, Va, 13 Jan 1950, to Cmdr & Mrs Warren S MacLeod, a son, Roderick Graham.

MADER—Born at Sta Hosp, Maxwell AFB, Ala, 24 Jan 1950, to T/Sgt & Mrs Robert C Mader, sr, a daughter, Charlene Gay.

MANCKIA—Born at US Naval Hosp, Oak Island, Calif, 20 Jan 1950, to QMC & Mrs French Manckia, a son, Jack Joseph.

MARTIN—Born at Sta Hosp, Scott AFB, Ill, 23 Jan 1950, to S/Sgt & Mrs Joseph Martin, a daughter, Julia.

MARTINEZ—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 16 Jan 1950, to S/Sgt & Mrs Felipe T Martinez, a daughter, Margaret Martinez, a daughter, Margaret Martinez.

MARZOLA—Born at Sta Hosp, Ft Riley, Kans, 26 Jan 1950, to Sgt & Mrs Edward Marzola, a son, Edward Gerald.

MASTERSON—Born at Walter Reed Gen Hosp, Washington, DC, 18 Jan 1950, to Lt & Mrs Rue Masterson, a son, Grant Taylor.

MAY—Born at Family Hosp, Cp Lejeune, NC, 13 Jan 1950, to 1st Lt & Mrs William L May, a daughter, Vera Anne.

MAYS—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 22 Jan 1950, to S/Sgt & Mrs Ollie Mays, a daughter, Vivian Marie.

McCULLEN—Born at Sta Hosp, Scott AFB, Ill, 23 Jan 1950, to S/Sgt & Mrs Warner S McCullen, a son, Phillip Edward.

McDONALD—Born at Georgetown Univ Hosp, Washington, DC, 28 Jan 1950, to Maj & Mrs Walter F McDonald, a daughter, Nancy Lee.

McDONALD—Born at Sta Hosp, Ft Riley, Kans, 24 Jan 1950, to 1st Lt & Mrs John J McDonald, a daughter, Kathleen Mary.

McFARLAND—Born at Washington, DC, 31 Jan 1950, to Mr & Mrs Cole McFarland, a son, Cole McFarland, Jr; grandson of Brig Gen & Mrs Earl McFarland of Washington, nephew of Lt Col Earl McFarland of Holloman AFB, NM, and of Mrs Hamilton A McFarland of Washington.

McKELVY—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 23 Jan 1950, to T/Sgt & Mrs William T McKelvy, a daughter, Carol.

Births, Marriages, Deaths
(Continued from Preceding Page)

NOBLE—Born at Walter Reed Gen Hosp, Washington, DC, 14 Jan 1950, to Lt Col & Mrs Charles C Noble, a daughter, Suzanne Lane.

OCAMB—Born at Sta Hosp, Maxwell AFB, Ala, 24 Jan 1950, to Col & Mrs Lawrence Bruin Ocamb, a daughter, Karen Gall.

OVERTON—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 8 Jan 1950, to M/Sgt & Mrs Robert W Overton, a daughter, Bonnie Kathryn.

PALMER—Born at US Naval Hosp, Oakland, Calif, 18 Jan 1950, to BM 2/Cl & Mrs Alton Palmer, a son, Alton Read.

PATRICK—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 8 Jan 1950, to 2d Lt & Mrs John M Patrick, a daughter, Margaret Lou Elizabeth.

PERL—Born at Cp Lee, Va, 20 Jan 1950, to Sgt & Mrs Frank Perl, a daughter.

PETERSON—Born at US Naval Hosp, Oakland, Calif, 21 Jan 1950, to Lt (jg) & Mrs Marion Peterson, a daughter, Susan.

PINEO—Born at USMC Air Sta, Cherry Point, NC, 10 Jan 1950, to 1st Lt & Mrs Ray Pineo, a son, Douglas Anderson.

PLAYER—Born at US Naval Hosp, Oakland, Calif, 18 Jan 1950, to Cmdr & Mrs Heber Player, a daughter.

PLUMMER—Born at US Naval Hosp, Oakland, Calif, 15 Jan 1950, to AD 1/Cl & Mrs James Plummer, a son, James Leonard, 3d.

POLHAMUS—Born at Norfolk Gen Hosp, Norfolk, Va, 28 Jan 1950, to Col Douglas C Polhamus, USAF, and Mrs Polhamus, a son, Gary Douglas.

POPE—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 20 Jan 1950, to T/Sgt & Mrs Frank H Pope, a son, James Warren.

POVEROMO—Born at Bishop De Goesbrabant Hosp, Burlington, Vt, 23 Jan 1950, to Capt & Mrs Paul Poveromo, a son, Robert Louis.

POWELL—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 29 Jan 1950, to Sgt 1/Cl & Mrs Ross Powell, a son, James Michael.

QUILLIN—Born at Rodriguez Gen Hosp, Ft Brooke, PR, 18 Jan 1950, to QMC & Mrs Edward L Quillen, a daughter, Nancy Blanche.

RAINE—Born at St Mary's Hosp, Roswell, NM, 29 Dec 1949, to 1st Lt & Mrs C O Raine, 3d, a son, C O, 4th; grandson of Col O Raine, Jr, USA, Ret.

REA—Born at Walter Reed Gen Hosp, Washington, DC, 17 Jan 1950, to 1st Lt & Mrs Parks Rea, a daughter, Susan.

REED—Born at US Naval Hosp, Oakland, Calif, 15 Jan 1950, to MMC & Mrs Robert Reed, a son, Patrick Allen.

REED—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 19 Jan 1950, to 1st Lt & Mrs Parks Reed, a son, Robert Lee.

REMEDIES—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 23 Jan 1950, to S/Sgt & Mrs Abram Remedies, a son, Clark Anthony.

RHODES—Born at Sta Hosp, Ft Riley, Kans, 21 Jan 1950, to T/Sgt & Mrs Roland H Rhodes, a daughter, Barbara Dee.

RICH—Born at Rodriguez Gen Hosp, Ft Brooke, PR, 18 Jan 1950, to CWO & Mrs Arnold Traxler, a daughter, Robin Clara.

VAN BUSKIRK—Born at Walter Reed Gen Hosp, Washington, DC, 19 Jan 1950, to Capt & Mrs Robert C Van Buskirk, a daughter, Donna Jean.

VENABLE—Born at Sta Hosp, Cp Hood, Tex, 23 Jan 1950, to Sgt 1/Cl & Mrs Horace J Venable, a daughter, Diana Jacqueline.

VOLMER—Born at Walter Reed Gen Hosp, Washington, DC, 15 Jan 1950, to Capt & Mrs George W Volmer, a daughter, Martha Jane.

WALTERS—Born at US Naval Hosp, Oakland, Calif, 16 Jan 1950, to TNC & Mrs Jack Walters, a daughter, Jacqueline.

WALTERS—Born at Sta Hosp, Ft Riley, Kans, 22 Jan 1950, to 1st Lt & Mrs Robert A Walters, a son.

WARDELL—Born at Fresno, Calif, 25 Jan 1950, to Mr & Mrs Robert Emmett Wardell, a daughter, Deborah Jeanne; granddaughter of Lt Col Lloyd L Wardell, USAF, and Mrs Wardell of Oroville, Calif; and niece of Maj Michael E Wardell, USAF, Capt Patrick G Wardell, USA, and Capt Dennis J Wardell, USA.

WARREN—Born at Sta Hosp, Scott AFB, Ill, 26 Jan 1950, to Maj & Mrs Robert A Warren, Jr, a son, John Michael.

WEBER—Born at Sta Hosp, Ft Riley, Kans, 23 Jan 1950, to M/Sgt & Mrs Donald L Weber, a son, Kevin Leah.

WHARTON—Born at Sta Hosp, Ft Riley, Kans, 26 Jan 1950, to Sgt & Mrs Franklin A Whartan, a daughter, Nathalie Darcel.

WIESEN—Born at Sta Hosp, Ft Riley, Kans, 13 Jan 1950, to Sgt & Mrs Victor J Wiesen, a daughter, Caroline Marie.

WILHOUR—Born at Ladd AFB, Alaska, 4 Jan 1950, to 1st Lt & Mrs Richard Orville Wilhour, a son, Thomas Richard.

WINTERS—Born at Fitzsimons Gen Hosp, Denver, Colo, 20 Jan 1950, to Capt & Mrs Robert L Winters of Lowry AFB, Colo, a daughter.

WITHERELL—Born at Cp Lee, Va, 18 Jan 1950, to M/Sgt & Mrs Robert Witherell, a son.

WOLFE—Born at Sta Hosp, Aberdeen Proving Ground, Md, 22 Jan 1950, to BM/2 & Mrs Donald Eugene Wolfe, a son, Stephen Craig.

SELFINGER—Born at Valley Forge Gen Hosp, Phoenixville, Pa, 23 Jan 1950, to BTC & Mrs Edward Selfinger, a daughter, Pamela.

SHANNON—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 24 Jan 1950, to 1st Lt & Mrs Paul Shannon, a son, Patrick James.

SHERBURNE—Born at Sta Hosp, Ft Meade, Md, 24 Jan 1950, to Col & Mrs Thomas Sherburne, a son.

SHRUM—Born at Sta Hosp, Ft Riley, Kans, 26 Jan 1950, to CBM & Mrs Glen L Shrum, a daughter, Melinda Gaye.

SILLIMAN—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 17 Jan 1950, to 2d Lt & Mrs Clayton Silliman, a daughter, Vicki Jo.

SKODA—Born at Sta Hosp, Aberdeen Proving Ground, Md, 23 Jan 1950, to Sgt 1/Cl & Mrs Charles J Skoda, a son, Joseph Thaddeus.

SLAUGHTER—Born at Dependents Hosp, Great Falls AFB, Mont, recently, to T/Sgt & Mrs Leroy Slaughter, a son, James Philip.

SLISK—Born at Valley Forge Gen Hosp, Phoenixville, Pa, 25 Jan 1950, to M/Sgt & Mrs Joseph Slisk, a son, Charles Vincent.

SMITH—Born at Columbia Hosp, Washington, DC, 30 Jan 1950, to Capt Harry Smith, USN, and Mrs Smith, a son, Harry Doran.

SNYDER—Born at US Naval Hosp, Newport, RI, 29 Jan 1950, to Musician 1/Cl & Mrs Hyman Snyder, a daughter.

SNYDER—Born at Sta Hosp, Ft Riley, Kans, 22 Jan 1950, to 1st Lt & Mrs Charles R Snyder, a daughter, Gretchen.

SPANGLER—Born at US Naval Hosp, Oakland, Calif, 17 Jan 1950, to YNC & Mrs Robert Spanbler, a son, Robert Rolland, Jr.

STALLARD—Born at Walter Reed Gen Hosp, Washington, DC, 18 Jan 1950, to S/Sgt & Mrs Charles M Stallard, a daughter, Susan.

STEPHENSON—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 7 Jan 1950, to Capt & Mrs Lyle S Stephenson, a daughter, Lisa Kathleen.

STRICKLER—Born at Walter Reed Gen Hosp, Washington, DC, 28 Jan 1950, to Lt Col & Mrs Marshall H Strickler, a son, Douglas Steven.

SULLIVAN—Born at Sta Hosp, Cp Hood, Tex, 15 Jan 1950, to Capt & Mrs Edmund R Sullivan, Jr, a daughter, Kathleen Ann.

SULLIVAN—Born at St Joseph's Hosp, Orange, Calif, 24 Jan 1950, to T/Sgt & Mrs John E Sullivan, a daughter, Cynthia Louise.

SWANN—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 18 Jan 1950, to Capt & Mrs Franklin W Swann, a daughter, Patricia Ann.

THOMAS—Born at Sta Hosp, Cp Carson, Colo, 12 Jan 1950, to M/Sgt & Mrs Norman R Thomas, a son, Norman Ronald.

THOMPSON—Born at Brooke Gen Hosp, Ft Sam Houston, Tex, 23 Jan 1950, to 1st Lt & Mrs Douglas W Thompson, a son, Douglas William, Jr.

THORENTON—Born at US Naval Hosp, Oakland, Calif, 15 Jan 1950, to ET 2/Cl & Mrs Robert Thorenton, a daughter, Mary Kathleen.

TRAVERSI—Born at Walter Reed Gen Hosp, Washington, DC, 17 Jan 1950, to Lt & Mrs Frank J Traversi, a son, Frank Jay, Jr.

TRAX—Born at Santa Margarita Ranch Out-patient Hosp, Cp Pendleton, Calif, 15 Jan 1950, to Capt & Mrs F A Trax, a son, Terrence Anthony.

TRAXLER—Born at US Naval Hosp, Oakland, Calif, 20 Jan 1950, to Lt Cmdr & Mrs Arnold Traxler, a daughter, Robin Clara.

VAN BUSKIRK—Born at Walter Reed Gen Hosp, Washington, DC, 19 Jan 1950, to Capt & Mrs Robert C Van Buskirk, a daughter, Donna Jean.

VENABLE—Born at Sta Hosp, Cp Hood, Tex, 23 Jan 1950, to Sgt 1/Cl & Mrs Horace J Venable, a daughter, Diana Jacqueline.

VOLMER—Born at Walter Reed Gen Hosp, Washington, DC, 15 Jan 1950, to Capt & Mrs George W Volmer, a daughter, Martha Jane.

WALTERS—Born at US Naval Hosp, Oakland, Calif, 16 Jan 1950, to TNC & Mrs Jack Walters, a daughter, Jacqueline.

WARDELL—Born at Fresno, Calif, 25 Jan 1950, to Mr & Mrs Robert Emmett Wardell, a daughter, Deborah Jeanne; granddaughter of Lt Col Lloyd L Wardell, USAF, and Mrs Wardell of Oroville, Calif; and niece of Maj Michael E Wardell, USAF, Capt Patrick G Wardell, USA, and Capt Dennis J Wardell, USA.

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SELFINGER—Born at Valley Forge Gen Hosp, Phoenixville, Pa, 23 Jan 1950, to BTC & Mrs Edward Selfinger, a daughter, Pamela.

SHANNON—Born at Percy Jones Gen Hosp, Battle Creek, Mich, 24 Jan 1950, to 1st Lt & Mrs Paul Shannon, a son, Patrick James.

SHERBURNE—Born at Sta Hosp, Ft Meade, Md, 24 Jan 1950, to Col & Mrs Thomas Sherburne, a son.

SHRUM—Born at Sta Hosp, Ft Riley, Kans, 26 Jan 1950, to CBM & Mrs Glen L Shrum, a daughter, Melinda Gaye.

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SELFINGER—Born at Valley Forge Gen Hosp, Phoenixville, Pa, 23 Jan 1950, to BTC & Mrs Edward Selfinger, a daughter, Pamela.

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Births, Marriages, Deaths

(Continued from Preceding Page)

disappeared on a routine flying mission about three miles to the east of the northern tip of Okinawa.

PARKER—Died at US Naval Hosp, Naval Base, SC, 5 Jan 1950, Cmdr Thomas Drayton Parker, USN-Ret.

QUIGLEY—Died at his home at Flushing, Queens, NY, 30 Jan 1950, Col Francis J Quigley, US Army Provost Marshal for the New York area. He is survived by his wife, Mrs Irene Quigley.

ROMEY—Died at Walter Reed Gen Hosp, Washington, DC, 31 Jan 1950, Col Charles Amesley Romeyn, USA-Ret. He is survived by his wife, Mrs Louise Romeyn, and a sister, Miss Nina Romeyn of Washington, DC. Interment was at West Point, NY.

RUDOLPH—Died at Grubbs Landing, Claymont, Del, 30 Dec 1949, Maj John H Rudolph, Ret.

TILDSLEY—Died at US Naval Hosp, Bethesda, Md, 31 Jan 1950, Col John M Tildsley, USMC-Ret. He is survived by his wife, Mrs Dorothy Tildsley, of Towanda, Pa; and a daughter, Mrs Donald W Spicer, wife of Lt (jg) Spicer, MC, USN, at present serving at Guantanamo Bay, Cuba. Interment was at City Cemetery, Natchez, Miss, 3 Feb.

TRIPP—Died at Cp Carson, Colo, 17 Jan 1950, WOJG William J Tripp, H & S Battery, FA.

WELLS—Died at Walter Reed Gen Hosp, Washington, DC, 27 Jan 1950, Col Frank L Wells, USA-Ret; husband of the late Mrs Cordelia Patterson Wells; father of Lt Col Francis P Wells, USA-Ret, and Lt Col James B Wells, USA. Interment was at Arlington National Cemetery, Washington, DC, 31 Jan.

WELLS—Died at US Naval Hosp, Beaufort, SC, 13 Dec 1949, S/Sgt Morton Wells, USMC-Ret.

WOOD—Died at San Diego, Calif, 30 Jan 1950, Mr Osborn Cutler Wood, son of the late Maj Gen Leonard Wood, USA, former US Chief of Staff and Governor of the Philippines.

WRIGHT—Died at USMC Hosp, Baltimore, Md, Lt Cmdr Paul N Wright, Jr, USN-Ret. He is survived by his wife, Mrs Muriel Wright; two sons, Paul N Wright, 3d, and Calvert F Wright; and two grandchildren. Interment was at Arlington National Cemetery, Washington, DC.

YOUNG—Died at US Naval Hosp, Key West, Fla, 19 Dec 1949, Lt Cmdr Addie Young, MSC, USN.

Obituaries

Col. John M. Tildsley, USMC-Ret.
Col. John M. Tildsley, USMC, Ret., died at US Naval Hospital, Bethesda, Md, 31 Jan.

Colonel Tildsley was born in 1892. He attended local schools in Natchez, Miss., until he entered the U. S. Naval Academy, from which he graduated in the class of 1916. Upon graduation, he transferred to the Marine Corps and was assigned to the USS Arizona. After serving in World War I, he saw service in Haiti, Shanghai and Washington, D. C. He was retired in 1944 for physical disability.

Surviving are his widow, Mrs. Dorothy Tildsley of Towanda, Pa., and one daughter, Mrs. Donald W. Spicer, wife of Lt (jg) D. W. Spicer, MC, USN, now serving at Guantanamo Bay, Cuba.

Bear Adm. John B. Dennis, USN-Ret.
Bear Adm. John Benjamin Dennis, MC, USN-Ret., one-time Assistant Chief of the Bureau of Medicine and Surgery, died 27 Jan. at the Naval Hospital, Long Beach, Calif, at the age of 75.

Born in Wicomico County, Md., he received his degree in medicine in 1895 from the University of Pennsylvania. In May 1898 he was appointed Assistant Surgeon in the Navy. He received the Spanish Campaign and the Sampson Medals for service during the Spanish-American War on board the USS *Frolic* and USS *Oregon*. After transfer to the USS *Wheeling* he also saw service in the Philippine Insurrection and the Boxer Rebellion, and in 1914 participated in the Battle of Vera Cruz aboard the USS *Texas*.

During World War I, Admiral Dennis was Officer in Charge of the Naval Dispensary in Washington, D. C., and received a special letter of commendation from the Secretary of the Navy for meritorious service in the performance of these duties.

In January 1931 he was appointed Assistant Chief of the Bureau of Medicine and Surgery and served in this capacity until June 1933.

Preceding his retirement in Aug. 1938, he was the Inspector of Medical Department Activities and later the President of the Na-

val Retiring Board, Board of Medical Examiners and Naval Examining Board.

Funeral services and interment were held in Arlington National Cemetery 3 Feb.

Col. Lloyd P. Horsefall, USA-Ret.

Col. Lloyd P. Horsefall, USA-Ret., of Groton Long Point, Conn., and Coral Gables, Fla., died 25 Dec., at Hartford, Conn.

Colonel Horsefall's 36 years in the Army included service in China, the Philippines and France. Upon his retirement in 1942, he resided in Groton Long Point, where he was active in civil affairs, both there and at his winter home, Coral Gables. He graduated from the U. S. Military Academy in the class of 1906, after three years in engineering at the University of Wisconsin.

He was a member of the World War Military Order, was a Mason, and belonged to both the Army and Navy Clubs of Washington, D. C., and Coral Gables.

Colonel Horsefall is survived by his widow, Mrs. Helen Raymond Horsefall; a stepson, Philip H. Raymond of West Hartford; a sister, Mrs. William Graves of Prairie du Chien, Wis., and several nieces and nephews.

Funeral services were held 28 Dec., and interment was at Mystic Cemetery.

Army Reenlistment Ruling

The Army said this week that enlisted personnel accepting discharges at their own request due to loss of pay under new compensation legislation will not be eligible to reenlist in the Regular Army until the expiration of one year after separation.

Under the provisions of AR 615-365 and SR 615-365-5, any enlisted person on active duty on 1 Oct., 1949, who stood a financial loss due to the Career Compensation Act of 1949, could be granted a discharge upon application within one year. Now, however, under the recently announced Army ruling, enlisted personnel who accept a compensatory discharge will have to wait one year before reenlisting. No waivers will be granted, the announcement said.

USSR Military Strength

"The Red Army Today," by Col. Louis B. Ely, USA. Foreword by Lt. Gen. Walter Bedell Smith, USA. Military Service Publishing Co., Harrisburg, Pa. \$3.50.

"THE Red Army Today," is an excellent evaluation of the great Russian army. The book is based largely on interviews with former Russian and German officers, and on documentary material which became available subsequent to the war.

In his narrative Colonel Ely uses a unique device of creating a number of hypothetical officers of the Russian and German armies, and synthesizes information derived from many sources and attributes it to these mythical composite soldiers. This innovation serves to conceal the real source of the various items of intelligence which are grouped in a single supposition interview. The book loses none of its authenticity through the employment of this technique.

The book lists the strong and weak points of the Soviet Army and gives a fair and impartial appraisal of the organization, weapons and tactics of the different branches of the Red army. Colonel Ely makes it clear that the Russians place their main reliance on their great ground army rather than on their growing air force and their large submarine fleet. He finds a substantial technical improvement in the postwar army over the Red troops who fought so well during the conflict. At the same time he does not regard it as invincible.

In the latter part of his book Colonel Ely dons the mantle of a prophet and describes in some detail a future imaginary war, in which the western powers are pitted against Russian troops. The colonel is less convincing as a clairvoyant than as a historian, but it is comforting to learn that the western allies are victors in this

Army and Navy Journal

4 February 1950

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mythical conflict.

This book is of special interest to the professional soldier, but it is written in a facile, entertaining style that will appeal to the non-professional as well.

Engineer School Grads

Forty-four members of the 20th Associate Basic Engineer Officers Course of The Engineer School at Ft. Belvoir, Va., were graduated 27 Jan. The principal speaker was the commandant of the school, Maj. Gen. Douglas L. Weart, commanding general of The Engineer Center and Ft. Belvoir.

The class consisted of 43 second lieutenants, who went to the school direct from the Army Officer Candidate School at Ft. Riley, Kans., and one captain. The roster of the class follows:

Barr, Thomas J. Nicholson, R. W.
Cabell, Robt. G. O'Rear, David M.
D'Arcangeli, C. O. Pearson, Richard A.
Davis, Rodman C. Pinkey, Leonard A.
*Domingo, Daniel J. Pomjje, Henry W.
Franklin, S. W. Pszekaza, John J.
Fuglestad, Carl L. Roberts, John C.
Gibson, Edw. C. Ross, Joseph F.
Graham, Edw. M. Schramm, K. G.
Grechus, Algirdas Schreiner, G. W., Jr.
Hilton, Chas. G. Sias, Rolando
Honegger, Albert Spehar, John R.
Jones, Wm. A. III Sterba, R. R.
Kaufman, L. J., Jr. Strong, James M.
Lojek, Jos. M. Swing, Robert L.
Lundquist, Chas. G. White, Fred H.
Mann, Robt. A. White, Paul E.
McIntosh, Fred L. Wilson, Frank L.
McManus, E. F., Jr. Wright, Francis M.
Moore, Warren H. Munnely, John E. Wymer, Lloyd E., Jr.

*Captain.

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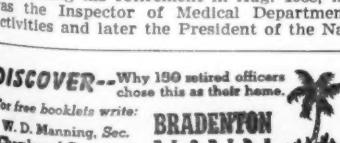
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Army Secretary's Report

The Army ended fiscal year 1949 in its best position since the war to concentrate on primary military responsibilities, Secretary Gordon Gray declared in his annual report, made public this week.

He said occupation duties still are the greatest single operational problem, but added that "we are now able to direct more attention than previously to training and organizing our units for their emergency missions—our greatest obligation to the American people."

He noted that during fiscal year 1949 the major problems resulting from unification of the Armed Forces were solved and added that "continuing progress on the occupation problem is encouraging and promises well for the future," although "this responsibility continues to constitute a heavy drain on the Army's over-all effort."

The effectiveness and morale of the active establishment and civilian components showed "gratifying improvements" during the past fiscal year, according to Secretary Gray, "and the Army was able to end the year with greater combat potential than it had at the beginning of the year."

The overall Army picture he described as follows: "I am convinced that the United States Army ended fiscal year 1949 as the finest peacetime Army the Nation has ever seen, with many of its combat divisions and other units in fine fighting condition, and all units steadily improving. Such progress, in the face of extreme but necessary economies, is a great tribute to the ability and loyalty of the personnel of the Army—the officers, the enlisted men and women and the civilian employees."

Following are excerpts from Secretary Gray's report:

As of 1 July 1948, the command strength of the Army was 552,000. There were 288,000 stationed in the United States and 264,000 overseas. With the aid of Selective Service the Army reached its goal of a command strength of 677,000. By 30 June 1949, the Army command strength had dropped from its February 1949 maximum of 659,000, of which 406,500 were stationed in the United States and 252,500 overseas.

A comparison of major tactical units of the Army as of 1 July 1948, and 30 June 1949, follows:

1 July 1948

10 division (7 overseas).
3 infantry regimental combat teams (2 overseas).
5 infantry regiments (all overseas).
1 armored cavalry group (in United States).
1 engineer special brigade (in United States).
13 antiaircraft battalions (11 overseas).
United States constabulary (in Germany, Austria).

30 June 1949

10 divisions (5 overseas).
5 infantry regimental combat teams (3 overseas).
2 infantry regiments (both overseas).
4 armored cavalry regiments (3 overseas).
1 engineer special brigade (in United States).
43 antiaircraft battalions (14 overseas).
United States constabulary (in Germany, Austria).

Reserve Components

The Reserve components currently occupy a position of increasing importance in the Army of the United States. Strength and



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Powder Co. Report

The annual report of the Hercules Powder Company for 1949, which has been distributed to the stockholders, shows a net income for the year, after all charges, of \$9,951,960. After payment of \$437,440 in dividends on preferred stock, the net income applicable to the common stock amounts to \$3.60 per share.

In 1948 the net income of the company was \$10,947,062, or \$3.99 a share on common stock. While the physical volume of sales in 1949 was somewhat greater than in the previous year, lower prices of cellulose and naval stores reduced profits and dollar volume of sales.

In a letter to the stockholders President Charles A. Higgins reported that the company's business was in a healthy condition, with substantial improvements and economies in production and distribution effected during the year.

Construction expenditures in 1949 amounted to nearly seven and one-half millions, about the same as in the previous year. Research expenses were \$4,237,000. Greater expenditures for these purposes are contemplated in 1950. An interesting project on the construction program is a naval stores pilot plant in the cut-over forest lands of Oregon. Facilities for the production of insecticide will be increased by 50 per cent.

readiness having assumed relatively increased value in comparison with potential strength, the Army has emphasized streamlining of troop bases in the interest of securing more effective and more rapid training.

The Chemical Corps

The Chemical Corps has been assigned Department of Defense primary cognizance for research and development in certain fields of toxicological warfare. During the fiscal year 1949 the corps carried out an intensive program of investigation of toxicological agents and means for defense against such agents. In this program emphasis was placed on development of munitions suitable for dissemination of many agents rather than of one specific agent. The same principle was applied to the development of individual and collective protective material under a wide range of environmental conditions.

Intensive research continued on flame agents, incendiaries, and smokes. Proving ground facilities were expanded in an effort to give adequate tests to experimental models of materiel.

The corps evolved a new organizational structure for its Industrial Mobilization and Procurement Planning organization. Under this new organization the detailed preparation of production plans and contacts with industry are accomplished by the field planning personnel of the Chemical Corps procurement districts. Through this system the procurement districts, which at the present time are purely planning organizations, are capable of immediate activation to full scale procurement districts. The personnel who have been accomplishing the procurement planning work will have been properly integrated into the programs assigned to permit immediate procurement of essential items. In order to provide a more efficient distribution of the Industrial Mobilization and Procurement Planning workload, two procurement districts were reestablished by the Chemical Corps at Atlanta, Ga., and Boston, Mass.

The Army Medical Department

A partial transfer of medical functions from the Army to the Air Force on 12 May

Shipbuilding Decline

A decline of more than 200,000 gross tons in the volume of world merchant shipbuilding is indicated by returns on the final quarter report of Lloyd's Register of Shipping for 1949, with the world total just short of 4,395,000 gross tons at the year's end. During the last quarter, the decline in Great Britain and Ireland aggregated slightly over 100,000 tons, as compared with 112,490 tons for the United States, and 549 tons for the other nations taken as a group. The proportion of the world's shipping being built in Great Britain and Ireland is currently reported at 45.4%, contrasted with 45.5% at the end of the third quarter and 50% at the beginning of 1949. The share of the United States is listed at 11.7%, as against 13.6% in the third quarter.

In the world's output of merchant shipping of all types, Great Britain and Ireland retain their lead over all countries, being 1,481,404 tons ahead of the United States. In third position is France, followed by Holland, Sweden, Italy, Denmark, Japan, Spain, Norway, British Commonwealth, and Belgium respectively. All of the twelve leading shipbuilding countries of the world registered decreases in the volume of shipping underway, with the exception of France, Sweden, Italy and Denmark.

1949, involving the creation of a separate Air Force Medical Department, cleared up much of the uncertainty which formerly characterized the relations between the Army and Air Force medical services.

During the past fiscal year the Medical Department contributed materially to the development of several important new drugs for the prevention and cure of certain illnesses. Chloramphenicol and aureomycin, which in their natural form proved effective in combating the rickettsial diseases and typhoid fever, were discovered to be equally useful when synthesized chemically. Dramamine, a promising new remedy for sea- and airsickness, was subjected to thoroughgoing tests with, on the whole, favorable results. Experiments also disclosed that blood plasma could be used without the serious danger of transmitting infectious hepatitis if the plasma was treated by irradiation to destroy the virus of that disease.

More thorough collaboration between the Army and Navy medical services progressed some distance as the result of a limited consolidation of hospital facilities and the practice of treating patients of all the armed forces at the nearest military or naval hospital without regard to the patient's particular branch of service. This has helped, though only in a small degree, to relieve the shortage of medical personnel, which continued to be a serious problem for the Army, Navy, and Air Force. In the Army and Air Force additional measures prevented the shortage from becoming as acute as it might otherwise have been. Among the more important of these measures were a downward revision of personnel allotments to conform with care of dependents to distress cases and the employment of Reserve the decreased sick rate of 1948, a policy of relieving doctors and dentists of unnecessary administrative details, the restriction of medical officers for short terms of active duty.

The Corps of Engineers

During the fiscal year 1949 the Corps of Engineers placed renewed emphasis on increasing the efficiency and effectiveness of executing its assigned military missions of construction and of real estate activities for the Army and Air Force; supervision of the Repairs and Utilities Program for the Army; research, development, procurement, supply, and maintenance of Engineer equipment; the training of Engineer military personnel, and the development of topographic maps for the armed services. A brief summary of fiscal year activities, in terms of physical accomplishment, is contained in the following

pertinent paragraphs.

The military real estate activities consisted of acquisition including leased space, disposal of surplus real property, and the outleasing of real property not required for immediate military use. During the year, 15 tracts comprising 287,336 acres were authorized for acquisition and 18 industrial facilities were acquired from the Reconstruction Finance Corporation without reimbursement. Active military leases, as of 30 June 1949, numbered 3,483, involving an annual rental of \$5,497,223, a net increase of 105 leases and \$1,533,299 annual rental for the fiscal year, the increase being attributable to Organized Reserve Corps and National Guard leases. During the year the Corps of Engineers disposed of 78 command properties valued at \$148,516,231 and 36 industrial properties valued at \$7,982,326. Withdrawn from surplus for further military use were 183 command properties valued at \$100,115,142 and 30 industrial properties valued at \$20,519,651. The annual return from outleases and outgrants of military real property in effect as of 30 June amounted to \$6,633,637.

At the beginning of the fiscal year, military construction under way both within and outside the continental limits of the United States totaled \$315,692,000 of which \$109,424,000 remained to be completed. New work estimated to cost \$193,386,000 was started. Work performed during the year on the new work and the unfinished portion of prior year's work amounted to \$165,978,000. At the close of the year, the estimated cost of the work under way was \$221,681,000, of which \$136,832,000 remained to be completed. In addition to military construction, work was also performed on hospital facilities for the Veterans' Administration amounting to \$117,695,000. Three hospitals were completed during the year and 29 hospitals estimated to cost \$276,856,000, of which \$135,299,000 remained to be completed were under construction at the end of the fiscal year.

Large and medium scale mapping of approximately 485,000 square miles in foreign areas and 213,700 square miles of essential defensive areas in the United States was completed. By the close of the year, the Army Map Service had on hand for issue to the Armed Services a supply of 36,776,000 copies of 40,340 individual maps. Map library collections totaled 138,500 maps, bringing the total file to over 1,189,000. Technical improvements and advances were made in plant facilities and processes, both in photogrammetry and reproduction.

In the field of research and development, a snow, ice, and permafrost research establishment was inaugurated with primary responsibility for the National Military Establishment in this field. Development continued on a completely new line of airborne construction equipment, a new landing mat, and a 1,250 GPH distillation plant. Extensive research was carried out on detection of non-metallic mines and on new mine clearing methods. Work progressed on engine generators, mapping equipment and techniques, new tactical bridges, assault stream crossing equipment and development of a new mine detector gyrocompass for land navigation of vehicles.

The Quartermaster Corps

The fiscal year 1949 witnessed progressive clarification of Army-Air Force supply relationships as they affected the mission of the Quartermaster General; the development of arrangements for joint utilization of technical staff assistance for bakeries, commissaries and field maintenance; consolidation of certain joint purchasing operations; and acceleration of the foreign aid program. Research and development in quartermaster equipment emphasized environmental protection and weight reduction. Industrial mobilization planning continued at an accelerated pace, food service was steadily improved, and large stocks of supplies were recovered for reissue. The peak of activity was passed in the mission of final disposition of World War II dead.

Army-Air Force division of stocks of quartermaster types was accomplished without disruption of supply. Consolidation of Army-Navy purchasing administration was effected at the New York and Oakland purchasing offices. Excess stocks and stocks withdrawn from the War Assets Administration to encourage civilian industrial production. A monetary allowance system for the supply

(Continued on Next Page)

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Army Secretary's Report

(Continued from Preceding Page)

of individual type clothing to the Army was reestablished. Use of electric accounting machines and procedures was extended and became standard for quartermaster supply in overseas commands. Throughout the year subsistence was procured for the National Military Establishment.

Emphasis in research and development was placed on laboratory and field studies of man's reactions and adaptation to cold environments in order to establish principles of protection. Clothing almanacs for the Canadian and Alaskan areas have been prepared and the temperature limits of standard Arctic clothing studied. Mechanical research and development have been pointed toward reducing the weight of quartermaster equipment. Approximately 130 items have been developed and procured for test by Army Field Forces under Arctic conditions.

Requests for 6,500 tentative allocations of industrial facilities were made, 6,000 facilities were allocated, and 3,000 surveys were completed during the fiscal year. Of a total of 288 key quartermaster items, sufficient capacity has been located to satisfy the demands of 104. Fifty per cent of the computed needs have been located for 73 others.

A Joint Army-Air Force Menu Board was established to review and evaluate all Joint Army-Air Force Menus. A food service equipment testing laboratory was maintained jointly by the Army and the National Restaurant Association to bring about standardization of equipment to mutual advantage. There were graduated from Army Food Service Schools: 5,146 Army, 1,276 Air Force, 60 Navy, and 4 foreign personnel. A career management plan for all food service personnel, designed to make this an attractive military career, has been implemented.

Vacuum fumigation chambers for the disinfestation of supplies were installed in six depots. Savings in recovered supplies are estimated at \$1,200,000. A surveillance program was established for the inspection of supplies in storage and 44,537,762 pieces were inspected. Approximately \$213,000,000 in property was recovered and returned to stock for reissue through classification and over \$80,000,000 through repair. Of the sum of \$21,518,681 appropriated for the operation of laundries and dry-cleaning plants, it is estimated that 65 per cent will be returned to the Treasury from sale of service.

The remains of approximately 279,000 of the 359,000 American overseas dead of World War II have been recovered. Of this number approximately 10,000 are in process of identification; 159,000 have been returned to the United States; 87,000, including 3,000 determined unidentifiable, have been permanently interred overseas, and 23,000 identified remains are in process of final disposition. Nonrecoverable remains are estimated at 80,000.

The Signal Corps

During the period of this report, the Chief Signal Officer inaugurated an extensive management program embodying (1) continuous review of organization; (2) formulation and maintenance of planning and programming;

(3) continuous study of manpower productivity and utilization; (4) development and application of budget and cost analyses; (5) standardization and refinement of work simplification methods; (6) an effective control on the quantity and quality of reports, and (7) establishment of effective criteria for utilization of facilities and material.

There were 5,920 officers and enlisted men graduated from the Signal School, Fort Monmouth, N. J., in electronic, communications, and pictorial occupational specialties. In addition, a Signal Corps Training Center was activated at Cmp Gordon, Augusta, Ga., to provide additional facilities for individual and unit training.

The Department of the Army Communications Center in The Pentagon carried a load of 1,222,554,286 words during the period of this report and the Alaska Communication System handled 9,188,176 messages.

The Army Signal Corps planned with the United States Air Force and the United States Navy with a view to effecting improved joint utilization of communication facilities.

The Signal Corps Procurement Agency awarded 72,289 contract line items having a dollar value of \$160,700,000 and accepted 40,021 shipments valued at \$55,855,000.

The Signal Corps Stock Control Agency

initiated 25,763 line items on procurement directives and processed for issue 453,596 requisition line items. The Signal Corps Branch Depots received and shipped 1,356,622 line items totaling 133,873 tons and reclassified 97,051 tons of supplies. Base maintenance shops repaired equipment having an original procurement value of \$81,922,183, including radar equipment valued at \$59,670, at a repair cost of \$5,448,227.

In addition to the foregoing, the Signal Corps actively engaged in industrial mobilization planning to the extent of scheduling with manufacturers approximately \$1,000,000,000 worth of mobilization requirements for communications equipment, awarded contracts for 48 industrial preparedness studies and 30 bills of materials.

Highlighting progress in the Signal Corps Integrated Communications Systems development was the completion of a new lightweight 60-100 word-per-minute teletype page printer suitable for tactical and fixed plant use and the new series of 10- to 20-mile tactical FM radio sets. Engineering models of approximately 50 percent of the remaining radio and wire items of the Integrated System were completed, including the "handy" and "walkie-talkie" radios and several tactical telephone switchboards. Marked advances in meteorological research and instrumentation techniques point toward a new era in the meteorological field. Developments of missile-borne beacons, instrumentation equipment and radar constituted major contribution to the Guided Missile program. Developments in the field of countermeasures, radar, photography, and land navigation advanced the combat potentialities of the nation. A major program of radiological detection instrumentation was initiated. Results of the basic research program have provided a basis for possible future revolutionary developments.

The Signal Corps was the recipient of an Academy Award from the motion-picture industry for production of one of the best short subjects of the year. This production, entitled "Toward Independence," was made for the Surgeon General of the Army and illustrated the rehabilitation of war-wounded personnel. In addition, the Signal Corps produced 135 training films, translated 108 films into foreign language, and adopted 84 commercial productions for military use.

The Ordnance Department

Decentralization of every possible ordnance operation to the field, started in 1946, is nearing completion. Emphasis has been placed on the utilization of a centralized staff for the planning and control of these decentralized operations through the screening of appropriated funds. By these means the funds planned for a year in advance in the budget cycle are brought up to date with the actual needs.

Industrial mobilization plans have progressed to the point where such plans are available for all ordnance activities.

The Ordnance Department recommended the following during the year:

(a) A reduction in unnecessary amounts of ordnance equipment in tables of organization and equipment. This resulted in the appointment of an Army Equipment Policy Panel which, after giving an initial report, is continuing its work.

(b) A study of production rates for ammunition with a view to preventing over-production through analysis of actual expenditure rates in World War II. This study is to be implemented by the Army Equipment Policy Panel.

(c) Simplification and reduction in the numerous types of ammunition. This problem has also been referred to Army Equipment Policy Panel.

(d) The economical use and replacement of motorized equipment. This involves the "wear out" in administrative use of tactical vehicles too old for combat use.

(e) Establishment of a 5-year tank program, using current resources and possible peacetime production of new models to achieve readiness for any emergency.

The Ordnance Department was charged by the President 3 years ago with reactivation of portions of stand-by ammunition plants for the production of fertilizer grade ammonium nitrate, for sustaining food production in the Army-occupied areas of Europe and the Orient. Since inception of the program, approximately 1,665,000 short tons of fertilizer grade ammonium nitrate, 270,000 short tons of ammonium sulphate, and 75,000

short tons of mixed nitrogenous fertilizers have been produced.

Methods of insuring preservation of machine tools and equipment stored as an industrial reserve have been a matter of serious concern to the Ordnance Department. There were no precedents for preparation of machine tools for long-term storage on so vast a scale. Ordnance experience in the preservation of items of ordnance helped but little and commercial experience was very limited. By trial and error and observation, techniques were evolved that should keep these tools fit for reactivation and service without loss through deterioration.

Ordnance took the lead in demonstrating the possibilities and limitations of the cold extrusion of steel, important for saving material and manpower on ammunition components in wartime, but also having possible extensive industrial application.

The Army Ordnance Department and the Navy Bureau of Ordnance made a pooled effort to solve the techniques of fabricating cartridge cases from steel rather than brass, an effort only partially successful in World War II.

Ordnance service was furnished on a worldwide basis to the Army and Air Force during the year. This service entailed the operation of ordnance facilities throughout the continental United States and overseas commands to receive and issue approximately 4,500,000 tons of ammunition and general supplies in support of troops. In depot storage, representing a valuable insurance for national defense, are 7,500,000 tons of ammunition valued at 7½ billion dollars and 8,000,000 tons of general supplies valued at 8 billion dollars. Keeping this 15-billion-dollar reserve in usable condition constitutes a vast problem of yearly surveillance and maintenance.

Approximately 125,000 tons of unsafe, uneconomically repairable or obsolete ordnance ammunition were demilitarized during the year. Receipts from the sale to industry of resultant ferrous scrap exceeded \$2,200,000. Recovered nonferrous metals, worth \$4,200,000, were added to the national stock pile of strategic materials. This resulted in a saving of \$500,000 in preservation and storage costs.

Ordnance materiel priced at approximately \$87,000,000 was transferred to Greece, Turkey, and China under approved Foreign Military Aid programs during the year. The acquisition cost of this materiel was approximately \$70,600,000 and the estimated cost to procure these supplies at present-day prices would be \$141,200,000.

Surplus World War II ordnance equipment, having an acquisition cost value of approximately \$39,600,000 was transferred to Western Hemisphere countries and Iran at a sales price of \$5,500,000 during the year. The sales price paid by the foreign country reverted to the United States Treasury. If it had been necessary to procure these supplies, at present-day prices, the cost would have been approximately \$79,200,000.

One of the most significant forward steps in ordnance research and development was the development and successful firing by the Ordnance Department of the world's first successful two-stage liquid fuel rocket. The second stage of this missile was the "WAC Corporal" rocket, which traveled at a velocity of more than 5,000 miles an hour and reached an altitude of 250 miles, more than doubling previous altitude records. The "WAC Corporal" was the first man-made object to travel outside the earth's atmosphere. In this project the problems of separation of the two rockets and proper ignition and operation of the second stage at extremely high altitude and velocity were successfully solved. Future firings of this missile will provide the only immediate experimental means of determining certain aerodynamic characteristics associated with high supersonic speeds to high altitudes. Although this missile is purely a research-test vehicle, information derived from these firings is directly applicable to long-range, multistage rocket weapons.

The major recent contributions in the field of artillery and fire control are centered about two new equipment developments: The Anti-aircraft Fire Control System, T33, for heavy AA weapons and the intermediate antiaircraft weapon and fire-control system "Skysweeper." The former is a fire-control system capable of combating high altitude and high-speed modern targets. Emphasis has been placed on ease of operation and maintenance and the system has been made smaller in size and weight and is integrated to furnish combat efficiency commensurate with target-practice performance.

The intermediate weapon "Skysweeper," though similar in design and function to the T33, represents an on-carriage version of fire-

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control equipment which will permit greater flexibility of operation with a minimum of time required to emplace and return to march order.

The close cooperation of the Ordnance Department of the Army with industry of the United States is paramount in all industrial mobilization planning to insure early mass production of vital combat ordnance materiel in time of a national emergency. Many key representatives of American industry who were responsible for the unprecedented production of ordnance during World War II are continuing to cooperate in peacetime as members of the various national technical divisions and committees of the American Ordnance Association.

Civilian in character and membership, these divisions and committees are composed of members of the association whose experience in the last war and whose leadership of private industry at this time are being made available to the armed forces on a voluntary advisory basis. These groups of civilian production experts are assisting us in peacetime in solving production bottlenecks incident to the mass production of special ordnance materiel during wartime. The results achieved to date in the form of valuable committee reports indicate that the armed services will be assured of the earliest possible mass production of all types of ordnance materiel in any future national emergency.

The Transportation Corps

During the year the Chief of Transportation successfully negotiated agreements for the Army, Navy, and Air Force with rail and air carriers at a 10-percent discount and with certain bus carriers at a 5-percent discount for military-sponsored movements.

The Army moved approximately 108,300 measurement tons of International Refugee Organization cargo during the period. In addition, 67,392 displaced persons were transported from Germany and Italy to the United States, Canada, South America, and Australia.

During the period August through December 1948, to complete movement of war brides to the zone of the interior by December 31, 1948, the Army was responsible for the successful movement from Europe to the United States of 11,024 dependents of military or ex-military personnel by chartered aircraft. As a result of the charter negotiation by the Army (through the USAF) with air carriers concerned, a savings was realized amounting to \$768,227.70 under normal tariff fares.

The Army arranged ocean transportation for 14,371,000 measurement tons of foreign civilian and military-assistance cargo during the fiscal year. This cargo, which was carried almost exclusively by United States flag commercial carriers under berth terms and space and time charters, amounted to 83 percent of out-bound cargo shipping under Army responsibility.

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Internal Combustion Engines

(Continued from First Page)

terest of combat efficiency. In connection with the accomplishment of this fundamental mission it may be necessary that the committee also consider problems in the fields of research and development, procurement, production and facilities, which have a direct bearing on the standardization and simplification of internal combustion engines used by the National Military Establishment.

The committee believes in the utilization of a minimum number of internal combustion engines in current production to meet the maximum number of National Military Establishment applications. The committee has recommended the military departments rapidly eliminate all models that are shown to be obsolete or obsolescent by current commercial practice. The committee also wishes to develop the maximum interchangeability of parts to the greatest degree among existing commercial engines or their modification to fill the military requirements.

In connection with this latter plan the Industry Advisory Committee, after considerable study, has recommended the Department of Defense canvass the entire internal combustion engine industry to develop directly from the individual engine manufacturers sufficient information to make a preliminary study of the flexibility of their major machine tools, this information to serve as a basis for determining the extent to which engines, having maximum interchangeability of high mortality, fast-moving service parts, may be produced on industries' available major machine tools. Similar information, as suggested, has already been obtained from a few manufacturers for preliminary study purposes, and in one small group of five engines selected as a trial study it has been determined that a considerable degree of interchangeability may be feasible. However, because the problem is so large, and the field of use so extensive, it now becomes necessary to collect as much data from as many manufacturers as possible in order that a broader picture may be developed.

This in no way implies that a manufacturer will be requested to produce engines differing from their present dimensions. This is being submitted entirely for a study, and if after study the plan appears to be feasible, the Department of Defense will then approach industry on possible ways and means of producing engines off their major machine tools, incorporating the interchangeable parts developed as the result of this study. Once a workable program is produced it will then become the responsibility of the Department of Defense to keep the information up to date.

The committee is attempting to determine the adaptability of the tooling used to produce certain parts. For example, the crankcase bore might be produced in different diameters, depending upon the amount of stock and wall thickness of the cylinder block, but it does not contemplate changing those machine tools and fixtures controlling the center to center distance between cylinders, valves, and other important holes in the planned view, crankshafts, cams and accessory shaft bores in the end elevation, and other important accessory drive and locating holes in the side elevation.

If after the committee has studied the data received from industry, it may be possible to standardize on some of the high mortality, fast-moving parts which will greatly simplify the maintenance problem for the military. The committee has not lost sight of the tremendous standardization and simplification that can be accomplished in a number of the accessory items. However, this phase of their work will come at a later date.

The committee in this approach feels that the requirement of the Department of Defense should be met wherever possible by industrial engines in current production or practical adaptation thereof. Whenever it is determined that military requirements cannot be fully met in the above manner, it is suggested a development project be initiated and assigned to a single service or bureau of the Department of Defense to develop a suitable type of engine to meet such needs, and that these engines be built in a sufficient num-

ber with which to conduct adequate laboratory and field tests, and then before such a special project be released for production, it should be reviewed and approved by a joint committee of representatives of the appropriate agency of the National Military Establishment and the Industry Advisory Committee. This latter suggestion is based on the committee's conviction that all special project engine designs should, as far as practical, be kept in a constant state of liquidity to permit the inclusion of any and all technological advances in internal combustion engine development and design until such time as production is required.

Due to the magnitude of the problem it will of necessity require a considerable amount of time and effort to work out conclusions; however, the committee is moving on a scheduled program that should be carried through to completion, with the result that recommendations can then be made to the Department of Defense which will be satisfactory for them to consider and to inaugurate as their program for internal combustion engines.

EDITOR'S NOTE—The Industry Advisory Committee for Internal Combustion Engines was organized under Order No. 36 of the Munitions Board, dated 21 April 1949. Rear Adm. M. L. Ring, USN, Director of Military Supply, is Government Chairman, and Mr. Nelson, author of the above article, is Industry Chairman. Mr. A. P. Flynn, Standards Agency, is liaison officer between the Committee and the Board. The Committee consists of the following representatives of industry:

B. B. Bachman, Vice President, The Autocar Co.

J. F. Bachman, Manager, Industrial and Marine Engine Sales Dept., Ford Motor Co. Alternate: V. G. Raviolo, Engine Section Head, Ford Motor Co.

C. Balough, President, Hercules Motor Co. Alternate: J. C. Kepplinger, Executive Vice President, Hercules Motor Co.

G. H. Brodie, Assistant to President, Packard Motor Car Co. Alternate: W. H. Graves, Vice President, Packard Motor Car Co.

J. M. Crawford, Vice President, General Motors Corp. Alternate: W. T. Crowe, General Manager, General Motors Corp.

R. E. Friend, President, Norberg Manufacturing Co. Alternate: J. M. Friend, Assistant to Executive Vice President, Norberg Manufacturing Co.

V. W. Fries, Vice President, The White Motor Co. Alternate: P. L. Gillan, Chief Engineer, The White Motor Co.

R. E. Huthstetler, Executive Vice President, Cummins Engine Co., Inc. Alternate: L. W. Beck, Vice President, Sales, Cummins Engine Co., Inc.

R. Kileforth, President, Universal Motors Corp. Alternate: L. H. Crafts, Vice President and General Sales Manager, Universal Motors Corp.

A. Loofbourrow, Chief Engineer, Chrysler Division, Chrysler Corp. Alternate: C. H. Morris, Assistant Chief Engineer, Chrysler Division, Chrysler Corp.

F. M. Mason, Jr., Director of Engineering, Fairbanks Morse & Co. Alternate: O. O. Lewis, General Sales Manager, Fairbanks, Morse & Co.

H. L. Morris, Consultant, Hall Scott Motor Division, ACF Brill Motors Co. Alternate: F. E. Dayes, Vice President, ACF Brill Motors Co.

A. N. Morton, Vice President, Mack Manufacturing Corp. Alternate: H. Bernard, Chief Engineer, Mack Manufacturing Co.

C. E. Nelson, Jr., Vice President, Waukesha Motor Co. Alternate: J. E. DeLong, President, Waukesha Motor Co.

E. V. Oehler, Vice President, Briggs & Stratton Corp. Alternate: H. S. Brown, Vice President in Charge of Engineering, Briggs & Stratton Corp.

J. G. Rayniak, Vice President, Johnson Motors Division, Outboard Marine & Manufacturing Co. Alternate: W. C. Conover, Chief Engineer, Johnson Motors Division, Outboard Marine and Manufacturing Co.

W. D. Reese, Manager of Engineering, Motor Truck Division, International Harvester Corp. Alternate: M. Bennett, Chief Engineer, Production Engineering, Industrial Power Division, International Harvester Corp.

P. Schnetzky, Vice President, Murphy Diesel Co.

E. J. Schwanhauser, Executive Vice President, Worthington Pump & Machinery Corp. Alternate: J. C. Barnaby, Consulting Engineer, Worthington Pump & Machinery Corp.

H. W. Smith, Manager, Engine Sales Dept., Caterpillar Tractor Co. Alternate: J. W. Murdoch, Assistant Manager, Engine Sales Dept., Caterpillar Tractor Co.

S. W. Sparrow, Vice President in Charge of Engineering, Studebaker Corp. Alternate: T. A. Scherger, Engine Development Engineering, Studebaker Corp.

G. W. Thomas, Chief Engineer, Continental Motors Corp. Alternate: E. A. Peterson, Executive Assistant to President, Continental Motors Corp.

W. J. Wade, Willys-Overland Motors, Inc.

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Civil Aviation and Defense

The Deputy Secretary of Defense, Stephen Early, told the Senate Committee on Interstate and Foreign Commerce this week that "a very real deficit exists between our present peacetime capacity and the airlift we would require in wartime."

Mr. Early was one of a number of military witnesses who testified on the relation of civil aviation problems to National Defense in connection with the Committee's over-all study of the problems of civil aeronautics.

"A calculation of the present airlift capacity of the MATS organization," Mr. Early said, "and a calculation of available civilian airlift indicates that a very real deficit exists between our present peacetime capacity and the airlift we would require in wartime. This deficit is proportionately larger than the deficit that would exist in rail transportation, bus transportation, and sea transportation, and for other immediate mobilization needs. We should point out in this connection, however, that deficits do exist in these other fields of transportation."

Secretary of the Air Force W. Stuart Symington revealed to the Committee that the Bureau of the Budget had turned thumbs down on a defense proposal for the construction of prototype transport aircraft to speed development in both the commercial airlines and the military Services.

"The pressing problems affecting our civil aviation," Secretary Symington said, "particularly with regard to prototype transport aircraft development, have been under study in the Department of Defense for several years. Members of Congress, civil agencies of Government, the aircraft manufacturers, and the airlines have also been concerned with this problem. Within the last few months, the Department of Defense has re-examined its position and concluded that a prototype program with the following characteristics offered the best solution:

"(1) That the Government bear the expense of developing two prototype planes with the following general characteristics:

"(a) A prototype low-cost, long-range, cargo or transport aircraft best suited to military needs and adaptable to maximum practical utilization by the civil air transport industry; and

"(b) A prototype low-cost, long-range, cargo or transport aircraft best suited to the active operational need of the civil air transport industry and adaptable to maximum practical military utilization in the event of war.

"(2) That the responsibility for carrying out this program be assigned to the Department of Defense, with a specific authorization to the Department of the Air Force. This recommendation stems from the belief that no new agency should be created to carry out this program and from the belief that the Department of the Air Force, by virtue of its experience in procurement and operations, is the best qualified Department in the Federal Government to carry out the project.

"(3) A condition for the support of the above program involving the use of Government funds, is that appropriations separate and distinct from the military appropriations be provided. There are two reasons for this position: First, the anticipated benefits from such a program can be expected to accrue, initially and with certainty, to the civil airlines, and to the National Security only in event of emergency. Secondly, the estimated deficit in airlift between present capabilities and mobilization requirement does not create a shortage which is so serious that it requires the use of Department of Defense funds under presently limited budgets. If additional funds could be made available the interests of National Security would best be served by their application to combat minimums and hence, no Department of Defense funds can be diverted to a development of this kind at the expense of prime military procurement.

"(4) That the above program involves no obligation on the part of the Department of Defense to procure aircraft that might be developed under a prototype program. It is neither economically nor militarily sound nor practicable to acquire transport-type aircraft for the purpose of stockpiling to meet an anticipated wartime deficit.

"The above characteristics of a prototype program were drafted into a bill, which we sent to the Bureau of the Budget requesting advice as to its conformity with the program of the President. We were informed last Friday by the Bureau of the Budget that legislation providing for the expenditure of Government funds for the development of prototype transport aircraft is not in

accord with the program of the President. For this reason, the Department of Defense will not seek adoption of its program by the Congress and will not support any other bill which provides for prototype development at Government expense."

The chairman of the Munitions Board, Mr. Hubert Howard, underscored Secretary Symington's reference to the deficit in transport facilities, and agreed that there should be a development of prototype planes. Mr. Howard claimed that transportation deficits are in the following order from the standpoint of emergency needs: air, ocean, and rail.

Brig. Gen. Colby M. Myers informed the committee that the Department of Defense is using 12 civilian airports for Air Reserve Training and 44 for Naval Air Reserve Training. In addition, agreements have been made other civil airports to permit their use by transient government aircraft, but that the development of civilian airports merely up to the requirements of civil operations will not provide adequately for probable military needs in case of national emergency.

Maj. Gen. Laurence S. Kuter, USAF, commanding general of MATS, described to the Committee the relationship of military and civil aviation in the fields of Meteorology, Search and Rescue, and the International Civil Aviation Organization.

The Policy and Programs of the Department of Defense with respect to the communications-electronics field of civil aeronautics were outlined by Brig. Gen. Francis L. Ankenbrandt, director of MATS' Communications and Operations who said that essential to the exercise of air power in time of emergency is the existence in time of peace of:

"(a) A strong, prosperous and progressive aeronautical communications-electronics manufacturing industry.

"(b) A strong and progressive operating civil aeronautics communication, navigation and traffic control system, together with its personnel, equipment, installations, facilities and operating techniques, readily adaptable to military use and control in time of emergency.

"(c) Progressive research and development for the technical advancement of airborne and ground communications equipments, ground electronic navigational aids and their airborne counterparts."

Expose Quantico Housing

Comdr. James Davis, USN, staff civil engineer of the Marine Corps Base at Quantico, Va., told a committee of the Virginia General Assembly on 2 Feb. that he was "shocked, appalled, and sickened" by the "ruthlessness of property owners" renting living quarters to Service personnel in that area. He was testifying in connection with a bill to abolish rent control in Virginia.

Commander Davis declared that the housing situation in Virginia warrants an investigation by Congress. Landlords there, he said, are getting \$50 a month for trailers they bought as surplus property for \$350.

Col. James J. Keating, inspector and legal officer of Quantico, presented a statement from Maj. Gen. Lemuel C. Shepherd, Jr., commandant of the Marine Corps Schools, setting forth the housing needs of personnel stationed at the base.

Army Finance Center Hit

Representative Murray, chairman of the House Civil Service Committee, announced this week that he has called upon the Department of the Army to make a "complete investigation" of its Finance Center in St. Louis, Mo., in light of charges made by a subcommittee.

The subcommittee, headed by Representative Karst (D-Mo) alleged that there are communists and fellow travelers employed in the center, that there has been falsification of personnel records, coercion of witnesses to discredit loyalty investigations, and that there is a general laxity of officials at the center in providing adequate safeguards to protect the interests of the federal government.

Investigations already are underway by the Comptroller General and the Civil Service Commission, Representative Murray said. He has appointed as a subcommittee to correlate the different investigations, Representative Karst, McCarthy (D-Minn) and Rees (R-Kans).